

## FPPT2.E525823 - Nonoptical Isolating Devices - Component

*Note: We are enhancing our systems and you may notice duplicate entries/missing/outdated data. During this interim period, please contact our Customer Service at <https://www.ul.com/about/locations>.*

## Nonoptical Isolating Devices - Component

**MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.**

E525823

No.8, Nanyun Road 4, Huangpu District  
GUANGZHOU, GUANGDONG 510670 China

Marking: Company name and model designation.

Note: For additional marking information, refer to the [Guide Information Page](#).

**Single protection non-optical isolators at 5000 Vac isolation voltage**, Model(s): TDA51S-41HC, TDA51S485HC, TDA51SCANHC

Last Updated on 2021-12-14

---

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"

# NMTR.E521113 - Power Circuit and Motor-mounted Apparatus

*Note: We are enhancing our systems and you may notice duplicate entries/missing/outdated data. During this interim period, please contact our Customer Service at <https://www.ul.com/about/locations>.*

## Power Circuit and Motor-mounted Apparatus

**MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.**

E521113

No.8, Nanyun Road 4, Huangpu District  
GUANGZHOU, GUANGDONG 510670 China

Model(s): LIF240-10BXXR2-YYY

Model(s): L1120-20B followed by 12, 24 or 48, followed by R2S, maybe followed by -Q or -XXX, where "XXX" can be 1-3 characters from A to Z.

Model(s): Model LIF240-10B followed by 12, 24 or 48, followed by R2S, maybe followed by -Q, -XXX or -Q-XXX, where "XXX" can be 1-3 characters from A to Z.

**LIF120-10B**, Model(s): LIF120-10BXXR2-EX XX can be 2 digits number 12, 24 or 48, -ZZZ can be 1-3 characters from A to Z or 0-9 numbers or leave as blank.

**LIF120-10B**, Model(s): LIF120-10BXXR2-Q-ZZZ XX can be 2 digits number 12, 24 or 48, -ZZZ can be 1-3 characters from A to Z or 0-9 numbers or leave as blank.

**LIF120-10B**, Model(s): LIF120-10BXXR2S-EX XX can be 2 digits number 12, 24 or 48, -ZZZ can be 1-3 characters from A to Z or 0-9 numbers or leave as blank.

**LIF120-10B**, Model(s): LIF120-10BXXR2-ZZZ XX can be 2 digits number 12, 24 or 48, -ZZZ can be 1-3 characters from A to Z or 0-9 numbers or leave as blank.

**LIF240-10B**, Model(s): LIF240-10BXXR2 followed by -Q or -OEM or blank or -YYY or -Q-YYY. XX can be 2 digits number 12, 24 or 48, -YYY can be 1-3 characters from A to Z or 0-9 numbers or leave as blank.

**LIF480-10B**, Model(s): LIF480-10BXXR2 followed by -Q or -OEM or blank or -ZZZ or -Q-ZZZ. XX can be 2 digits number 24 or 48, -ZZZ can be 1-3 characters from A to Z or 0-9 numbers or leave as blank.

Last Updated on 2022-02-23

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"

## OBJY2.E350609 - Systems, Electrical Insulation - Component

**Systems, Electrical Insulation - Component****MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.**

E350609

No.8, Nanyun Road 4, Huangpu District  
GUANGZHOU, GUANGDONG 510670 China

Marking: Company name and model designation.

Note: For additional marking information, refer to the [Guide Information Page](#).**Class 130(B) Electrical Insulation Systems**, System Designation(s): MGH-130, MST-130, MWanbao DTM**Class 155(F) Electrical Insulation Systems**, System Designation(s): MS155Last Updated on 2021-12-02

---

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"

# QIKH2.E492461 - Static Inverters and Converters for Use in Independent Power Systems - Component

\*\*HISTORICAL\*\*

## Static Inverters and Converters for Use in Independent Power Systems - Component

**MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.**

E492461

No.8, Nanyun Road 4, Huangpu District  
GUANGZHOU, GUANGDONG 510670 China

**DC/DC Converter**, Models PV40-29B12xx, PV40-29B15xx and PV40-29B24xx (xx could be blank, A7, A8 or A10).

Models PV40-29B17xx (xx could be blank, A7, A7-US, A8 or A10).

Models PV15-29B05R3xx, IT15-215B05R3xx, PV15-29B12R3xx, IT15-215B12R3xx, PV15-29B15R3xx, IT15-215B15R3xx, PV15-29B24R3xx, IT15-215B24R3xx and HPVS15-29B15R3xx, (xx could be blank, A5 or A6) .

Marking: Company name, catalog designation, and the Recognized Component Mark  on the device or carton.

Last Updated on 2022-03-03

---

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"

# QQGQ2.E235235 - Power Supplies, Information Technology Equipment Including Electrical Business Equipment - Component

Note: We are enhancing our systems and you may notice duplicate entries/missing/outdated data. During this interim period, please contact our Customer Service at <https://www.ul.com/about/locations>.

## Power Supplies, Information Technology Equipment Including Electrical Business Equipment - Component

**MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.**

E235235

No.8, Nanyun Road 4, Huangpu District  
GUANGZHOU, GUANGDONG 510670 China

Marking: Company name or trademark  , model designation, and the Recognized Component Mark 

Note: For additional marking information, refer to the [Guide Information Page](#).

Model(s): A0505D-2WR2, E0505D-2WR2, A0505S-1WR2, A0505XT-1WR2, A0509D-2WR2, E0509D-2WR2, A0509S-1WR2, A0509XT-1WR2, A0512D-2WR2, E0512D-2WR2, A0512S-1WR2, A0512XT-1WR2, A0515D-2WR2, E0515D-2WR2, A0515S-1WR2, A0515XT-1WR2, A0524D-2WR2, E0524D-2WR2, A0524S-1WR2, A0524XT-1WR2, A1515S-1WR2, AXXYYT-1W (#), AXXYYZ1-1W (#), AXXYYZ1-2W (#), B0303S-1WR2, B0303S-W2R2, B0305S-W2R2, B0303T-1W, B0303XT-1W, B0305S-1WR2, B0305T-1W, B0305XT-1W, B0309T-1W, B0309XT-1W, B0312S-1WR2, B0503S-1WR2, B0503S-W2R2, B0505S-W2R2, B0512S-W2R2, B0503T-1W, B0503XT-1W, B0505D-1WR2, B0505D-2WR2, B0505LS-1WR2, B0505S-1WR2, B0505XT-1W, B0509D-1WR2, B0509D-2WR2, B0509LS-1WR2, B0509S-1WR2, B0509XT-1W, B0512D-1WR2, B0512D-2WR2, B0512LS-1WR2, B0512S-1WR2, B0515D-1WR2, B0515D-2WR2, B0515LS-1WR2, B0515S-1WR2, B0524D-1WR2, B0524D-2WR2, B0524LS-1WR2, B0524S-1WR2, B1205S-1WR2, B1205S-W2R2, B1209S-1WR2, B1212S-1WR2, B1215S-1WR2, B1224S-1WR2, B1505S-W2R2, B2405D-1WR2, B2405S-W2R2, B2409S-W2R2, B2409D-1WR2, B2412D-1WR2, B2415D-1WR2, B2424D-1WR2, BXXYYT-1W (#), BXXYYZ2-1W (#), BXXYYZ2-2W (#), DXXYYYYZ3-1W (#1), DXXYYYYZ3-2W (#1), E0505S-1WR2, E0505XT-1WR2, E0505XT-1WR2, E0509S-1WR2, E0509XT-1WR2, E0509XT-1WR2, E0512S-1WR2, E0512XT-1WR2, E0512XT-1WR2, E0515S-1WR2, E0515XT-1WR2, E0515XT-1WR2, E0524S-1WR2, E0524XT-1WR2, E0524XT-1WR2, EXXYT-1W (#), F0505S-1WR2, F0509S-1WR2, F0512S-1WR2, F0515S-1WR2, F0524S-1WR2, F1205D-2WR2, F1209D-2WR2, F1212D-2WR2, F1215D-2WR2, F1224D-2WR2, F1515D-1WR2, FXXYYT-1W (#), F0506T-180, FXXYYT-1WR2, BXXYYT-1WR2 (&), G1212S-1W, G1212S-2W, H0505S-1W, H0509S-1W, H0512S-1W, H0515S-1W, H1205S-1W, H1209S-1W, H1212S-1W, H1215S-1W, H2409S-2W, H2409S-2W-GM, K7801-2000, K7801-2000L, K7802-2000, K7802-2000L, K7803-2000, K7803-2000L, K7804-2000, K7804-2000L, K7805-2000, K7805-2000L, K78X2-2000, K78X2-2000L, K78X6-2000, K78X6-2000L, LB05-10A05, LB05-10A12, LB05-10A15, LB05-10A24, LB05-10B03, LB05-10B03LT, LB05-10B05, LB05-10B05LT, LB05-10B09, LB05-10B09LT, LB05-10B12, LB05-10B12LT, LB05-10B15, LB05-10B15LT, LB05-10B24, LB05-10B24LT, LB05-10D0505-01, LB05-10D0512-01, LB05-10D0515-01, LB05-10D0524-01, LB10-10B03LT, LB10-10B05LT, LB10-10B09LT, LB10-10B12LT, LB10-10B15LT, LB10-10B24LT, LB15-10B03, LB15-10B05, LB15-10B09, LB15-10B12, LB15-10B15, LB15-10B24, LB20-10B03LT, LB20-10B05LT, LB20-10B09LT, LB20-10B12LT, LB20-10B15LT, LB20-10B24LT, LB25-10B03LT, LB25-10B05LT, LB25-10B09LT, LB25-10B12LT, LB25-10B15LT, LB25-10B24LT, LB25-10B48LT, LD01-10B03, LD01-10B05, LD01-10B05R2-F, LD01-10B09, LD01-10B12, LD01-10B15, LD01-10B24, LD02-10B03, LD02-10B05, LD02-10B09, LD02-10B12, LD02-10B15, LD02-10B24, LD03-10B03, LD03-10B03R2, LD03-10B05, LD03-10B05R2, LD03-10B09, LD03-10B09R2, LD03-10B12, LD03-10B12R2, LD03-10B15, LD03-10B15R2, LD03-10B24, LD03-10B24R2, LD05-20B03, LD05-20B05, LD05-20B09, LD05-20B12, LD05-20B15, LD05-20B24, LD05-23B03, LD05-23B05, LD05-23B09, LD05-23B12, LD05-23B15, LD05-23B24, LD08-20BY4-US, LD10-20B03, LD10-20B05, LD10-20B09, LD10-20B12, LD10-20B12K, LD10-20B15, LD10-20B24, LD12-20B03, LD12-20B05, LD12-20B12, LD12-20B15, LD12-20B24, LD20-10B03, LD20-10B05, LD20-10B12, LD20-10B15, LD20-10B24, LD20-10BX5, LDE10-20B03\*, LDE10-20B05\*, LDE10-20B09\*, LDE10-20B12\*, LDE10-20B15\*, LDE10-20B24\*, LDE20-20B03\*, LDE15-20B03\*, LDE20-20B05\*, LDE15-20B05\*, LDE20-20B09\*, LDE15-20B09\*, LDE20-20B12\*, LDE15-20B12\*, LDE20-20B15\*, LDE15-20B15\*, LDE20-20B24\*, LDE15-20B24\*, LH05-10B03, LB03-10B03, LH05-10B05, LB03-10B05, LH05-10B09, LB03-10B09, LH05-10B12, LB03-10B12, LH05-10B15, LB03-10B15, LH05-10B24, LB03-10B24, LH05-13B03, LH05-13B05, LH05-13B09, LH05-13B12, LH05-13B15, LH05-13B24, LH10-10A05, LH10-10A12, LH10-10A15, LH10-10A24, LH10-10B03, LH10-10B05, LH10-10B09, LH10-10B12, LH10-10B15, LH10-10B24, LH10-10D0505-02, LH10-10D0512-02, LH10-10D0515-02, LH10-10D0524-02, LH10-13B03, LH10-13B05, LH10-13B09, LH10-13B12, LH10-13B15, LH10-13B24, LH15-10B03, LH15-10B05, LH15-10B05-MTL, LH15-10B09, LH15-10B12, LH15-10B15, LH15-10B24, LH15-10B48, LH15-10C0505-05&(A129), LH15-10C0512-02&(A129), LH15-10C0515-02&(A129), LH15-10C0524-01&(A129), LH20-10B03, LH20-10B05, LH20-10B09, LH20-10B12, LH20-10B15, LH20-10B24, LH20-10D0512-06\* (A127), LH20-10D0515-05\* (A127), LH20-10D0524-03\* (A127), LH20-13B03, LH25-13B03, LH20-13B05, LH20-13B09, LH20-13B12, LH20-13B15, LH20-13B24, LH25-10B03, LH25-10B05, LH25-10B09, LH25-10B12, LH25-10B12ER2, LH25-10B15, LH25-10B24, LH25-10B48, LH25-13B05, LH25-13B09, LH25-13B12, LH25-13B15, LH25-13B18NP, LH25-13B24, LH25-13B48, LH60-20B05, LH60-20B05-DT, LH60-20B09, LH60-20B09-DT, LH60-20B12, LH60-20B12-DT, LH60-20B15, LH60-20B15-DT, LH60-20B24, LH60-20B24-DT, LH60-20B48, LH60-20B48-DT, LI120-10B12, LI120-10B24, LI120-10B48, LI240-10B24, LI240-10B48, LS03-15B05SR2-F-US, LS03-15B12SR2S-HW, LS03-15B12SR2S-HW-F, LS03-15BXXSR2S, LS03-15BXXSR2S-F (\$), LS03-16B03SS, LS03-16B03SS-F, LS03-16B05SS, LS03-16B05SS-F, LS03-16B09SS, LS03-16B09SS-F, LS03-16B12SS, LS03-16B12SS-F, LS03-16B15SS, LS03-16B15SS-F, LS03-16B24SS, LS03-24B15SS-F, LS03-16B24SS-F, LS05-15B03SS, LS05-15B03SS-F, LS05-15B05SS, LS05-15B05SS-F, LS05-15B09SS, LS05-15B09SS-F, LS05-15B12SS, LS05-15B12SS-F, LS05-15B15SS, LS05-15B15SS-F, LS05-15B24SS, LS05-15B24SS-F, LS05-15BXXS, LS05-15BXXS-F (\$), Model LH40-10BXX (\$), QA01, QA01-09, QA01-09, QA01-17, QA01-A09, QA01-A09, QA01C, QA02, QA03, QA04, QA121, QA151, QA241, TD301D485H, TD301D485H-E, TD501D485H, TD501D485H-E, URA2405YMD -6WR3, URA2405ZP-6WR3, URA2409ZP-6WR3, URA2412YMD -6WR3, URA2412ZP-6WR3, URA2415YMD -6WR3, URA2415ZP-6WR3, URA2424YMD -6WR3, URA2424ZP-6WR3, URA4805YMD-10WR3, URA4812YMD-10WR3,

URA4815YMD-10WR3, URA4824YMD-10WR3, URB1D12LD-15W-KR, URB2412LD-30WR3-AC, URB24XXMT-3WR3(XX=05, 09, 12, 15, 24), URB4803LD-30WHR3\*#, URB4803LD-30WR3\*#, URB4803YMD-6WR2-DT, URB4803ZP-6WR3, URB4805LD-30WHR3\*#, URB4805LD-30WR3\*#, URB4805ZP-6WR3, URB4812LD-30WHR3\*#, URB4812LD-30WR3\*#, URB4812YMD-15W-KR, URB4812ZP-6WR3, URB4815LD-30WHR3\*#, URB4815LD-30WR3\*#, URB4815ZP-6WR3, URB4824LD-30WHR3\*#, URB4824LD-30WR3\*#, URB4824ZP-6WR3, URE2405P-6WR3, URE2412P-6WR3, URE2415P-6WR3, URF2403LP-10WR3, URF2405LP-10WR3, URF2409LP-10WR3, URF2412LP-10WR3, URF2415LP-10WR3, URF2424LP-10WR3, URF4803P-6WR3, URF4805P-6WR3, URF4812P-6WR3, URF4815P-6WR3, URF4824P-6WR3, VRA1205YMD-6WR3, VRA1212YMD-6WR3, VRA2424LD-30WR2, VRB2412LD-30WR2, VRB2412LD-30WHR2, VRB4812LD-50W\*, VRB4812LD-50WH\*, VRD240512MP-8W, WRB0505S-1WR2, WRB2405P-3WR2, WRB2405ZP-3WR2, WRF2405P-3WR2

Model(s): A05XXS-2WR2, B05XXS-2WR2 (XX=03, 05, 09, 12, 15, 24).

Model(s): A1205XT-1WR2, E1205XT-1WR2, E1205XT-1WAR2

Model(s): A1209XT-1WR2, E1209XT-1WR2, E1209XT-1WAR2

Model(s): A1212XT-1WR2, E1212XT-1WR2, E1212XT-1WAR2

Model(s): A1215XT-1WR2, E1215XT-1WR2, E1215XT-1WAR2

Model(s): A1224XT-1WR2, E1224XT-1WR2, E1224XT-1WAR2

Model(s): A12XXD-2WR2, B12XXD-2WR2, E12XXD-2WR2 (XX=05, 09, 12, 15, 24 for output voltage).

Model(s): A12XXS-2WR2, B12XXS-2WR2 (XX=03, 05, 09, 12, 15, 24 for output voltage).

Model(s): A12XXY-1WR2, E12XXY-1WR2, F12XXY-1WR2, B12XXY-1WR2 (\*\*).

Model(s): A2405XT-1WR2, E2405XT-1WR2, E2405XT-1WAR2

Model(s): A2409XT-1WR2, E2409XT-1WR2, E2409XT-1WAR2

Model(s): A2412XT-1WR2, E2412XT-1WR2, E2412XT-1WAR2

Model(s): A2415XT-1WR2, E2415XT-1WR2, E2415XT-1WAR2

Model(s): A2424XT-1WR2, E2424XT-1WR2, E2424XT-1WAR2

Model(s): A24XXD-2WR2, B24XXD-2WR2, E24XXD-2WR2 (XX=05, 09, 12, 15, 24 for output voltage).

Model(s): A24XXS-2WR2, B24XXS-2WR2 (XX=03, 05, 09, 12, 15, 24 for output voltage).

Model(s): A24YYS-1WR2# (YY=05, 09, 12, 15, 24 for output voltage)

Model(s): B12XXD-1WR2 (XX=03, 05, 09, 12, 15 for output voltage).

Model(s): B2405S-1WR2, B2409S-1WR2, B2412S-1WR2, B2415S-1WR2, B2424S-1WR2

Model(s): B24YYS-1WR2 # (YY=03, 05, 09, 12, 15, 24 for output voltage)

Model(s): F05xxS-2WR2, F05xxS-2WR2 (xx=03, 05, 09, 12, 15, 24 for output voltage).

Model(s): E12XXS-2WR2, F12XXS-2WR2 (xx=05, 09, 12, 15, 24 for output voltage), E1203S-2WR2

Model(s): E24XXS-2WR2, F24XXS-2WR2 (XX=05, 09, 12, 15, 24 for output voltage), F2418S-2WR2

Model(s): E24YYS-1WR2# (YY=05, 09, 12, 15, 24 for output voltage)

Model(s): EXXYZ-1W, EXXYZ-2W (Where XX - represents the DC input voltage, 05 is 5 V dc; 12 is 12 V dc; 24 is 24 Vdc). (a).

Model(s): F05\*\*XT-1WR2, B05\*\*XT-1WR2 (Where \*\* = 03,05,06,07,09,12,15,24 for output voltage).

Model(s): F0505D-2WR2, F0509D-2WR2, F0512D-2WR2, F0515D-2WR2, F0524D-2WR2

Model(s): F24XXD-2WR2 (XX=05, 09, 12, 15, 24 for output voltage).

Model(s): F24YYS-1WR2 # (YY=03, 05, 09, 12, 15, 24 for output voltage)

Model(s): FXXYZ-1W, FXXYZ-2W (Where XX - represents the DC input voltage, 05 is 5 V dc; 12 is 12 V dc; 24 is 24 Vdc). (b).

Model(s): GXXYZ-1W, GXXYZ-2W (Where XX - represents the DC input voltage, 05 is 5 V dc; 12 is 12 V dc). (a1).

Model(s): HXXYZ-1W, HXXYZ-2W (Where XX - represents the DC input voltage, 05 is 5 V dc; 12 is 12 V dc). (b1).

Model(s): K7803-500R3, K7805-500R3, K7809-500R3, K7812-500R3, K7815-500R3

Model(s): K78Lxx-1000R3 where (xx = 03, 05, 12 and 15 which represent different rating).

Model(s): K78LXX-500R3 (XX=03, 05, 09, 12, 15 for output voltage.)

Model(s): K78XX-1000R3(L), where (XX = 03, 05, 09, 12 and 15 which represent different rating)

Model(s): K78XX-500R3 (XX=03, 05, 09, 12, 15 for output voltage.)

Model(s): LB15-10BXXLT, LH15-13BXX, LH15-10BXX, LB10-10BXX (XX=03, 05, 09, 12, 15, 24, 48 for output voltage)

Model(s): LD03-16B03& ("&" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.)

Model(s): LD03-16B05& ("&" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.)

Model(s): LD03-16B09& ("&" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.)

Model(s): LD03-16B12& ("&" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.)

Model(s): LD03-16B15& ("&" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.)

Model(s): LD03-16B24& ("&" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.)

Model(s): LDE03-20B03\*, LDE03-20B03W, LD03-10B03R2, LD03-20B03-C (#3)

Model(s): LDE03-20B05\*, LDE03-20B05W, LD03-10B05R2, LD03-20B05-C (#3)

Model(s): LDE03-20B09\*, LDE03-20B09W, LD03-10B09R2, LD03-20B09-C (#3)

Model(s): LDE03-20B12\*, LDE03-20B12W, LD03-10B12R2, LD03-20B12-C, LD03-10B12-FY (#3)

Model(s): LDE03-20B15\*, LDE03-20B15W, LD03-10B15R2, LD03-20B15-C (#3)

Model(s): LDE03-20B24\*, LDE03-20B24W, LD03-10B24R2, LD03-20B24-C (#3)

Model(s): LDE05-20B03\*, LDE05-20B03W, LD05-20B03-C (#3)

Model(s): LDE05-20B05\*, LDE05-20B05W, LD05-20B05-C (#3)

Model(s): LDE05-20B09\*, LDE05-20B09W, LD05-20B09-C (#3)

Model(s): LDE05-20B12\*, LDE05-20B12W, LD05-20B12-C (#3)

Model(s): LDE05-20B15\*, LDE05-20B15W, LD05-20B15-C (#3)

Model(s): LDE05-20B24\*, LDE05-20B24W, LD05-20B24-C (#3)

Model(s): LDE06-20B03, LDE06-20B03A2S, LDE06-20B03A4S

Model(s): LDE06-20B05, LDE06-20B05A2S, LDE06-20B05A4S

Model(s): LDE06-20B09, LDE06-20B09A2S, LDE06-20B09A4S

Model(s): LDE06-20B12, LDE06-20B12A2S, LDE06-20B12A4S

Model(s): LDE06-20B15, LDE06-20B15A2S, LDE06-20B15A4S

Model(s): LDE06-20B24, LDE06-20B24A2S, LDE06-20B24A4S

Model(s): LH15-13BXX (XX=03, 05, 09, 12, 15, 24, 48 for output voltage)

Model(s): LH20-10C0505-05\*, LH20-10C0512-04\*, LH20-10C0515-03\*, LH20-10C0524-02\*(A134)

Model(s): LH40-10A05, LH40-10A12, LH40-10A15, LH40-10D0512-13, LH40-10D0524-06

Model(s): LS01-15BxxS, LS03-15BxxSR2 (c), LS01-15BxxS-F, LS03-15BxxSR2-F

Model(s): LS01-15BxxSS (xx=05, 09, 12, 15, 24 for output voltage)

Model(s): LS01-15BxxSS-F (xx=05, 09, 12, 15, 24 for output voltage)

Model(s): LS03-15BxxSR2S, LS03-15BxxSR2S-F (xx=03, 05, 09, 12, 15, 24 for output voltage)

Model(s): LS05-15BXXSS (XX=03, 05, 09, 12, 15, 24 for output voltage)

Model(s): LS05-15BXXSS (XX=03, 05, 09, 12, 15, 24 for output voltage)

Model(s): URA24XXLD-20WR3 (XX=05, 09, 12, 15 for output voltage.)



Model(s): URB48XXYMD-6WR3\* (XX=03, 05, 12, 15, 24 for output voltage. If \* is none, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting)

Model(s): URE24XXLP-10WR3\* ('XX'=05, 12, 15) means output voltage ?5Vdc, ?12Vdc and ?15Vdc. If \* is none, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

Model(s): URE48XXLP-10WR3\*('XX'=05, 12, 15,) means output voltage ?5Vdc, ?12Vdc and ?15Vdc. If \* is none, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

Model(s): URF2403LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF2405LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF2409LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF2412LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF2415LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF2424LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF24XXP-6WR3 (XX=03, 05, 09, 12, 15, 24 for output voltage)

Model(s): URF4803LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF4805LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF4812LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF4815LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF4824LP-20WR3\*(If \* is none,) (it means standard module. If \* is A2S, it means standard module with chassis mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

Model(s): URF48XXLP-10WR3 (XX=03, 05, 12, 15, 24 for output voltage)

Model(s): VRA2405YMD-6WR3, VRA2412YMD-6WR3, VRA2415YMD-6WR3

Model(s): WRF2415P-3WR2, WRB2415P-3WR2, WRB2415ZP-3WR2

**AC-DC Converter**, Model(s): LI24-10B05, LI24-10B12, LI24-10B24

**DC/DC Converter**, Model(s): URB2403ZP-6WR3, URB2405ZP-6WR3, URB2412ZP-6WR3, URB2415ZP-6WR3, URB2424ZP-6WR3

**DC-DC converter**, Model(s): A1203S-2WR2\* "\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC converter**, Model(s): A1205S-2WR2\* \* means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC converter**, Model(s): A1209S-2WR2\* "\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC converter**, Model(s): A1212S-2WR2\* "\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC converter**, Model(s): A1215S-2WR2\* "\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.



**DC-DC Converter**, Model(s): E1209S-2WR2\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): E1212S-2WR2\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): E1215S-2WR2\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): F1205S-2WR2\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): F1209S-2WR2\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): F1212S-2WR2\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): F1215S-2WR2\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): F1224S-2WR2\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): VRB4805LD-15WHR3\* \* is variable, If \* is blank, it means standard module or heat sink mounting. Letter 'H' in model name means heat sink mounting. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

**DC-DC Converter**, Model(s): VRB4805LD-15WR3\* \* is variable, If \* is blank, it means standard module or heat sink mounting. Letter 'H' in model name means heat sink mounting. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

**DC-DC Converter**, Model(s): VRB4812LD-15WHR3\* \* is variable, If \* is blank, it means standard module or heat sink mounting. Letter 'H' in model name means heat sink mounting. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

**DC-DC Converter**, Model(s): VRB4812LD-15WR3\* \* is variable, If \* is blank, it means standard module or heat sink mounting. Letter 'H' in model name means heat sink mounting. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

**DC-DC Converter**, Model(s): VRB4815LD-15WHR3\* \* is variable, If \* is blank, it means standard module or heat sink mounting. Letter 'H' in model name means heat sink mounting. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

**DC-DC Converter**, Model(s): VRB4815LD-15WR3\* \* is variable, If \* is blank, it means standard module or heat sink mounting. Letter 'H' in model name means heat sink mounting. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

**DC-DC Converter**, Model(s): VRB4824LD-15WHR3\* \* is variable, If \* is blank, it means standard module or heat sink mounting. Letter 'H' in model name means heat sink mounting. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

**DC-DC Converter**, Model(s): VRB4824LD-15WR3\* \* is variable, If \* is blank, it means standard module or heat sink mounting. Letter 'H' in model name means heat sink mounting. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.

Last Updated on 2022-02-17

---

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"

# QQHM2.E347375 - Power Supplies, Medical and Dental - Component

Note: We are enhancing our systems and you may notice duplicate entries/missing/outdated data. During this interim period, please contact our Customer Service at <https://www.ul.com/about/locations>.

## Power Supplies, Medical and Dental - Component

### MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.

E347375

No.8, Nanyun Road 4, Huangpu District  
GUANGZHOU, GUANGDONG 510670 China

Marking: Company name and model designation.

Note: For additional marking information, refer to the [Guide Information Page](#).

Model(s): LD05-20B24MU

Model(s): G0505S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G0505S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G0509S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G0509S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G0512S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G0512S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G0515S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G0515S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G05XXS-1WR2, where XX could be 05, 09, 12, 15 which means output voltage is 05, 09, 12, 15 Vdc

Model(s): G05XXS-2WR2, where XX could be 05, 09, 12, 15 which means output voltage is 05, 09, 12, 15 Vdc

Model(s): G1205S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G1205S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G1209S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G1209S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G1212S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): G1212S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.



Model(s): H1212S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H1215S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H1215S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H12XXS-1WR2, where XX could be 05, 09, 12, 15 which means output voltage is 05, 09, 12, 15 Vdc

Model(s): H12XXS-2WR2, where XX could be 05, 12, 15 which means output voltage is 05, 12, 15 Vdc

Model(s): H1505S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H2405S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H2405S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H2412S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H2412S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H2415S-1WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H2415S-2WR2@@ "\*" means blank or "-TW" or "-xy", among them: the "-TW" model means product shipped to a unique customer, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

Model(s): H24XXS-1WR2, where XX could be 05, 12, 15 which means output voltage is 05, 12, 15 Vdc

Model(s): H24XXS-2WR2, where XX could be 05, 12, 15 which means output voltage is 05, 12, 15 Vdc

Model(s): LOF120-20B12-ZZZ, LOF120-20B12-ZZZ, LOF120-20B12-C-ZZZ, LOF120-20B12-C-ZZZ LOF120-20Bxx-ZZZ, LOF120-20Bxx-C-ZZZ, LOF120-20BYYY-ZZZ, LOF120-20BYYY-C-ZZZ (Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "YYY" indicate output voltage range from 11.8V to 48.0V in step of 0.1V, eg 118 present as 11.8V, 480 present as 48.0V, Where the "C" represents product with metal enclosed, "-ZZZ" can be variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

Model(s): LOF120-20B15-ZZZ, LOF120-20B15-ZZZ, LOF120-20B15-C-ZZZ, LOF120-20B15-C-ZZZ LOF120-20Bxx-ZZZ, LOF120-20Bxx-C-ZZZ, LOF120-20BYYY-ZZZ, LOF120-20BYYY-C-ZZZ (Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "YYY" indicate output voltage range from 11.8V to 48.0V in step of 0.1V, eg 118 present as 11.8V, 480 present as 48.0V, Where the "C" represents product with metal enclosed, "-ZZZ" can be variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

Model(s): LOF120-20B24-ZZZ, LOF120-20B24-ZZZ, LOF120-20B24-C-ZZZ, LOF120-20B24-C-ZZZ LOF120-20Bxx-ZZZ, LOF120-20Bxx-C-ZZZ, LOF120-20BYYY-ZZZ, LOF120-20BYYY-C-ZZZ (Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "YYY" indicate output voltage range from 11.8V to 48.0V in step of 0.1V, eg 118 present as 11.8V, 480 present as 48.0V, Where the "C" represents product with metal enclosed, "-ZZZ" can be variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

Model(s): LOF120-20B27-ZZZ, LOF120-20B27-ZZZ, LOF120-20B27-C-ZZZ, LOF120-20B27-C-ZZZ LOF120-20Bxx-ZZZ, LOF120-20Bxx-C-ZZZ, LOF120-20BYYY-ZZZ, LOF120-20BYYY-C-ZZZ (Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "YYY" indicate output voltage range from 11.8V to 48.0V in step of 0.1V, eg 118 present as 11.8V, 480 present as 48.0V, Where the "C" represents product with metal enclosed, "-ZZZ" can be variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

Model(s): LOF120-20B36-ZZZ, LOF120-20B36-ZZZ, LOF120-20B36-C-ZZZ, LOF120-20B36-C-ZZZ LOF120-20Bxx-ZZZ, LOF120-20Bxx-C-ZZZ, LOF120-20BYYY-ZZZ, LOF120-20BYYY-C-ZZZ (Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "YYY" indicate output voltage range from 11.8V to 48.0V in step of 0.1V, eg 118 present as 11.8V, 480 present as 48.0V, Where the "C" represents product with metal enclosed, "-ZZZ" can be variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

Model(s): LOF120-20B48-ZZZ, LOF120-20B48-ZZZ, LOF120-20B48-C-ZZZ, LOF120-20B48-C-ZZZ LOF120-20Bxx-ZZZ, LOF120-20Bxx-C-ZZZ, LOF120-20BYYY-ZZZ, LOF120-20BYYY-C-ZZZ (Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "YYY" indicate output voltage range from 11.8V to 48.0V in step of 0.1V, eg 118 present as 11.8V, 480 present as 48.0V, Where the "C" represents product with metal enclosed, "-ZZZ" can be variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

Model(s): LOF225-20B12-ZZZ, LOF225-20B12-C-ZZZ LOF225-20Bxx-ZZZ, LOF225-20Byyy-ZZZ, LOF225-20Bxx-C-ZZZ, LOF225-20Byyy-C-ZZZ, LOF225-20B42-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "yyy" indicate output voltage range from 11.8V to 50.4V in step of 0.1V, eg.118 stand for 11.8V, 504 stand for 50.4V, Where "C" represents product with metal enclosed, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank, Additional single model LOF225-20B42-ZZZ special types with rated output 42VDC)

Model(s): LOF225-20B15-ZZZ, LOF225-20B15-C-ZZZ LOF225-20Bxx-ZZZ, LOF225-20Byyy-ZZZ, LOF225-20Bxx-C-ZZZ, LOF225-20Byyy-C-ZZZ, LOF225-20B42-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "yyy" indicate output voltage range from 11.8V to 50.4V in step of 0.1V, eg.118 stand for 11.8V, 504 stand for 50.4V, Where "C" represents product with metal enclosed, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank, Additional single model LOF225-20B42-ZZZ special types with rated output 42VDC)

Model(s): LOF225-20B24-ZZZ, LOF225-20B24-C-ZZZ LOF225-20Bxx-ZZZ, LOF225-20Byyy-ZZZ, LOF225-20Bxx-C-ZZZ, LOF225-20Byyy-C-ZZZ, LOF225-20B42-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "yyy" indicate output voltage range from 11.8V to 50.4V in step of 0.1V, eg.118 stand for 11.8V, 504 stand for 50.4V, Where "C" represents product with metal enclosed, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank, Additional single model LOF225-20B42-ZZZ special types with rated output 42VDC)

Model(s): LOF225-20B27-ZZZ, LOF225-20B27-C-ZZZ LOF225-20Bxx-ZZZ, LOF225-20Byyy-ZZZ, LOF225-20Bxx-C-ZZZ, LOF225-20Byyy-C-ZZZ, LOF225-20B42-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "yyy" indicate output voltage range from 11.8V to 50.4V in step of 0.1V, eg.118 stand for 11.8V, 504 stand for 50.4V, Where "C" represents product with metal enclosed, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank, Additional single model LOF225-20B42-ZZZ special types with rated output 42VDC)

Model(s): LOF225-20B36-ZZZ, LOF225-20B36-C-ZZZ LOF225-20Bxx-ZZZ, LOF225-20Byyy-ZZZ, LOF225-20Bxx-C-ZZZ, LOF225-20Byyy-C-ZZZ, LOF225-20B42-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "yyy" indicate output voltage range from 11.8V to 50.4V in step of 0.1V, eg.118 stand for 11.8V, 504 stand for 50.4V, Where "C" represents product with metal enclosed, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank, Additional single model LOF225-20B42-ZZZ special types with rated output 42VDC)

Model(s): LOF225-20B42-ZZZ LOF225-20Bxx-ZZZ, LOF225-20Byyy-ZZZ, LOF225-20Bxx-C-ZZZ, LOF225-20Byyy-C-ZZZ, LOF225-20B42-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "yyy" indicate output voltage range from 11.8V to 50.4V in step of 0.1V, eg.118 stand for 11.8V, 504 stand for 50.4V, Where "C" represents product with metal enclosed, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank, Additional single model LOF225-20B42-ZZZ special types with rated output 42VDC)

Model(s): LOF225-20B48-ZZZ, LOF225-20B48-C-ZZZ LOF225-20Bxx-ZZZ, LOF225-20Byyy-ZZZ, LOF225-20Bxx-C-ZZZ, LOF225-20Byyy-C-ZZZ, LOF225-20B42-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Suffix "yyy" indicate output voltage range from 11.8V to 50.4V in step of 0.1V, eg.118 stand for 11.8V, 504 stand for 50.4V, Where "C" represents product with metal enclosed, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank, Additional single model LOF225-20B42-ZZZ special types with rated output 42VDC)

**AC-DC Converter**, Model(s): LD05-20B03, LD05-20B05, LD05-20B09, LD05-20B12, LD05-20B15, LD05-20B24, LD10-20B03MU, LD10-20B05MU, LD10-20B09MU, LD10-20B12MU, LD10-20B15MU, LD10-20B24MU, LO45-20BxxSMU-C-zzz, LO45-20BxxMU-C-zzz, LO45-20BxxSMU-zzz, LO45-20BxxMU-zzz, LO65-20BxxSMU-C-zzz, LO65-20BxxMU-C-zzz, LO65-20BxxSMU-zzz, LO65-20BxxMU-zzz

**AC-DC Converter**, Model(s): LOF350-20BXX-ZZZ, LOF350-20BXX-C-ZZZ (Series models with suffix "XX" represents output voltage of 12Vdc, 15Vdc, 24Vdc, 27Vdc, 36Vdc or 48Vdc. Suffix "YYY" (without 12.0, 15.0, 24.0, 27.0, 36.0 and 48.0), which represents output voltage after dividing by 10 in step of 0.1V. For example, 114 represents 11.4Vdc, 504 represents 50.4Vdc. Suffix "ZZZ", Z = A-Z any letter or 0-9 any Arabic numerals or blank, 0-3 digits number, indicate different sales purposes. With "-C" in the model name, indicate product with metal enclosure package, without "-C" in the model name, indicate product without metal enclosure package.)

**AC-DC Converter**, Model(s): LOF350-20BYYY-ZZZ, LOF350-20BYYY-C-ZZZ (Series models with suffix "XX" represents output voltage of 12Vdc, 15Vdc, 24Vdc, 27Vdc, 36Vdc or 48Vdc. Suffix "YYY" (without 12.0, 15.0, 24.0, 27.0, 36.0 and 48.0), which represents output voltage after dividing by 10 in step of 0.1V. For example, 114 represents 11.4Vdc, 504 represents 50.4Vdc. Suffix "ZZZ", Z = A-Z any letter or 0-9 any Arabic numerals or blank, 0-3 digits number, indicate different sales purposes. With "-C" in the model name, indicate product with metal enclosure package, without "-C" in the model name, indicate product without metal enclosure package.)

**AC-DC Converter**, Model(s): LOF450-20Bxx-zzz, LOF450-20Bxx-C-zzz, LOF450-20Bxx-CF-zzz • Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc. • Suffix "C" represents product with metal mesh enclosure & optional fan cooling structure. • Suffix "CF" represents product with metal non-mesh enclosure & fan cooling structure. • The absence of suffix "C" or "CF" represents open frame product with optional fan cooling structure. • Suffix "-zzz" can be single to three digits "z" with variable character from A to Z, 0 to 9 or leave as blank to distinguish between different customers codes.

**AC-DC Converter**, Model(s): LOF550-20Bxx-zzz, LOF550-20Bxx-C-zzz, LOF550-20Bxx-CF-zzz • Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc. • Suffix "C" represents product with metal mesh enclosure & optional fan cooling structure. • Suffix "CF" represents product with metal non-mesh enclosure & fan cooling structure. • The absence of suffix "C" or "CF" represents open frame product with optional fan cooling structure. • Suffix "-zzz" can be single to three digits "z" with variable character from A to Z, 0 to 9 or leave as blank to distinguish between different customers codes.

**POWER SUPPLIES, MEDICAL AND DENTAL**, Model(s): LD05-20B05MU, LD05-20B12MU, LD05-20B15MU

@@ - Product certified to ANSI/AAMI ES 60601-1: 2005/A1:2012, CAN/CSA-C22.2 No. 60601-1:2014

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"

# QQJQ2.E235235 - Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment - Component

Note: We are enhancing our systems and you may notice duplicate entries/missing/outdated data. During this interim period, please contact our Customer Service at <https://www.ul.com/about/locations>.

## Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment - Component

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.

E235235

No.8, Nanyun Road 4, Huangpu District  
GUANGZHOU, GUANGDONG 510670 China

Marking: Company name or trademark  , model designation, and the Recognized Component Mark 

Note: For additional marking information, refer to the [Guide Information Page](#).

Model(s): [B0505KT-1WR3](#), [B0505MT-1WR4](#), [B05xxT-1WR3](#), [E0503LT-1WR3](#), [E0505LT-1WR3](#), [E0509LT-1WR3](#), [E0512LT-1WR3](#), [E0515LT-1WR3](#), [E0524LT-1WR3](#), [F0503LT-1WR3](#), [F0505LT-1WR3](#), [F0509LT-1WR3](#), [F0512LT-1WR3](#), [F0515LT-1WR3](#), [F0524LT-1WR3](#), [LD03-16B03](#), [LD03-16B03&](#), [LD03-16B03A2S](#), [LD03-16B03A4S](#), [LD03-16B05](#), [LD03-16B05&](#), [LD03-16B05A2S](#), [LD03-16B05A4S](#), [LD03-16B09](#), [LD03-16B09&](#), [LD03-16B09A2S](#), [LD03-16B09A4S](#), [LD03-16B12](#), [LD03-16B12&](#), [LD03-16B12A2S](#), [LD03-16B12A4S](#), [LD03-16B15](#), [LD03-16B15&](#), [LD03-16B15A2S](#), [LD03-16B15A4S](#), [LD03-16B24](#), [LD03-16B24&](#), [LD03-16B24A2S](#), [LD03-16B24A4S](#), [LD03-20B03-C](#), [LD03-20B05-C](#), [LD03-20B09-C](#), [LD03-20B12-C](#), [LD03-20B15-C](#), [LD03-20B24-C](#), [LD03-23B03R2](#), [LD03-23B03R2A2S](#), [LD03-23B03R2A4S](#), [LD03-23B03WR2](#), [LD03-23B05R2](#), [LD03-23B05R2A2S](#), [LD03-23B05R2A4S](#), [LD03-23B05WR2](#), [LD03-23B09R2](#), [LD03-23B09R2A2S](#), [LD03-23B09R2A4S](#), [LD03-23B12R2](#), [LD03-23B12R2A2S](#), [LD03-23B12R2A4S](#), [LD03-23B15R2](#), [LD03-23B15R2A2S](#), [LD03-23B15R2A4S](#), [LD03-23B15WR2](#), [LD03-23B24R2](#), [LD03-23B24R2A2S](#), [LD03-23B24R2A4S](#), [LD05-20B03-C](#), [LD05-20B05-C](#), [LD05-20B09-C](#), [LD05-20B12-C](#), [LD05-20B15-C](#), [LD05-20B24-C](#), [LD05-23B03R2](#), [LD05-23B03R2A2S](#), [LD05-23B03R2A4S](#), [LD05-23B03WR2](#), [LD05-23B05R2](#), [LD05-23B05R2A2S](#), [LD05-23B05R2A4S](#), [LD05-23B05WR2](#), [LD05-23B09R2](#), [LD05-23B09R2A2S](#), [LD05-23B09R2A4S](#), [LD05-23B09WR2](#), [LD05-23B12R2](#), [LD05-23B12R2A2S](#), [LD05-23B12R2A4S](#), [LD05-23B12WR2](#), [LD05-23B15R2](#), [LD05-23B15R2A2S](#), [LD05-23B15R2A4S](#), [LD05-23B15WR2](#), [LD05-23B24R2](#), [LD05-23B24R2A2S](#), [LD05-23B24R2A4S](#), [LD05-23B24WR2](#), [LD10-23B03R2](#), [LD10-23B03R2A2S](#), [LD10-23B03R2A4S](#), [LD10-23B03WR2](#), [LD10-23B05R2](#), [LD10-23B05R2A2S](#), [LD10-23B05R2A4S](#), [LD10-23B05WR2](#), [LD10-23B09R2](#), [LD10-23B09R2A2S](#), [LD10-23B09R2A4S](#), [LD10-23B09WR2](#), [LD10-23B12R2](#), [LD10-23B12R2A2S](#), [LD10-23B12R2A4S](#), [LD10-23B12WR2](#), [LD10-23B15R2](#), [LD10-23B15R2A2S](#), [LD10-23B15R2A4S](#), [LD10-23B15WR2](#), [LD10-23B24R2](#), [LD10-23B24R2A2S](#), [LD10-23B24R2A4S](#), [LD10-23B24WR2](#), [LD15-23B03R2](#), [LD15-23B03R2A2S](#), [LD15-23B03R2A4S](#), [LD15-23B03WR2](#), [LD15-23B05R2](#), [LD15-23B05R2A2S](#), [LD15-23B05R2A4S](#), [LD15-23B05WR2](#), [LD15-23B09R2](#), [LD15-23B09R2A2S](#), [LD15-23B09R2A4S](#), [LD15-23B09WR2](#), [LD15-23B12R2](#), [LD15-23B12R2A2S](#), [LD15-23B12R2A4S](#), [LD15-23B12WR2](#), [LD15-23B15R2](#), [LD15-23B15R2A2S](#), [LD15-23B15R2A4S](#), [LD15-23B15WR2](#), [LD15-23B24R2](#), [LD15-23B24R2A2S](#), [LD15-23B24R2A4S](#), [LD15-23B24WR2](#), [LD20-23B03R2](#), [LD20-23B03R2A2S](#), [LD20-23B03R2A4S](#), [LD20-23B05R2](#), [LD20-23B05R2A2S](#), [LD20-23B05R2A4S](#), [LD20-23B09R2](#), [LD20-23B09R2A2S](#), [LD20-23B09R2A4S](#), [LD20-23B12R2](#), [LD20-23B12R2A2S](#), [LD20-23B12R2A4S](#), [LD20-23B15R2](#), [LD20-23B15R2A2S](#), [LD20-23B15R2A4S](#), [LD20-23B24R2](#), [LD20-23B24R2A2S](#), [LD20-23B24R2A4S](#), [LD20-26B05](#), [LD20-26B12](#), [LD20-26B15](#), [LD20-26B24](#), [LDE02-23Bxx\\*](#), [LDE05-23B12\\*](#), [LDE10-20B03\\*](#), [LDE10-20B03\\*](#), [LDE10-20B05\\*](#), [LDE10-20B05\\*](#), [LDE10-20B09\\*](#), [LDE10-20B12\\*](#), [LDE10-20B15\\*](#), [LDE10-20B18](#), [LDE10-20B24\\*](#), [LDE15-20B03\\*](#), [LDE15-20B05\\*](#), [LDE15-20B09\\*](#), [LDE15-20B12\\*](#), [LDE15-20B15\\*](#), [LDE15-20B24\\*](#), [LDE20-20B03\\*](#), [LDE20-20B05\\*](#), [LDE20-20B09\\*](#), [LDE20-20B12\\*](#), [LDE20-20B15\\*](#), [LDE20-20B24\\*](#), [LH85-20B12](#), [LHE10-20Bxx](#), [LHE10-20BxxA2](#), [LHE10-20BxxA4](#), [LHE15-20Bxx](#), [LHE15-20BxxA2](#), [LHE15-20BxxA4](#), [LHE20-20Bxx](#), [LHE20-20BxxA2](#), [LHE20-20BxxA4](#), [LHE25-20B03](#), [LHE25-20B03A2](#), [LHE25-20B03A4](#), [LHE25-20B05](#), [LHE25-20B05A2](#), [LHE25-20B05A4](#), [LHE25-20B09](#), [LHE25-20B09A2](#), [LHE25-20B09A4](#), [LHE25-20B12](#), [LHE25-20B12A2](#), [LHE25-20B12A4](#), [LHE25-20B15](#), [LHE25-20B15A2](#), [LHE25-20B15A4](#), [LHE25-20B24](#), [LHE25-20B24A2](#), [LHE25-20B24A4](#), [LHE25-20B48](#), [LHE25-20B48A2](#), [LHE25-20B48A4](#), [LI100-20BxxPR2\\*](#) (e), [LM15-23B\\*](#) (f), [LM25-23B\\*](#) (g), [LM35-10D0512-10](#), [LM35-10D0512-10-OEM](#), [LM35-10D0524-10](#), [LM35-10D0524-10-OEM](#), [LM50-20B\\*](#) (d), [LM50-22B\\*](#)(d), [LM50-23B\\*](#) (d), [LM75-10D0512-30](#), [LM75-10D0512-30-OEM](#), [LM75-10D0524-20](#), [LM75-10D0524-20-OEM](#), [LM75-20B\\*](#) (a), [LM75-22B\\*](#) (a), [LM75-23B\\*](#) (a), [LO15-10B012\\*](#) (\*= -OEM or blank), [LO15-10B03\\*](#) (\*= -OEM or blank), [LO15-10B05\\*](#) (\*= -OEM or blank), [LO15-10B15\\*](#) (\*= -OEM or blank), [LO15-10B24\\*](#) (\*= -OEM or blank), [LO30-10B03\\*](#) (\*= -OEM or blank), [LO30-10B05\\*](#) (\*= -OEM or blank), [LO30-10B09\\*](#) (\*= -OEM or blank), [LO30-10B12\\*](#) (\*= -OEM or blank), [LO30-10B15\\*](#) (\*= -OEM or blank), [LO30-10B24\\*](#) (\*= -OEM or blank), [LO30-10B48\\*](#) (\*= -OEM or blank), [LO45-10B03\\*](#) (\*= -OEM or blank), [LO45-10B05\\*](#) (\*= -OEM or blank), [LO45-10B09\\*](#) (\*= -OEM or blank), [LO45-10B12\\*](#) (\*= -OEM or blank), [LO45-10B15\\*](#) (\*= -OEM or blank), [LO45-10B24\\*](#) (\*= -OEM or blank), [LO45-10B48\\*](#) (\*= -OEM or blank), [LO65-10B05\\*](#) (\*= -OEM or blank), [LO65-10B09\\*](#) (\*= -OEM or blank), [LO65-10B12\\*](#) (\*= -OEM or blank), [LO65-10B15\\*](#) (\*= -OEM or blank), [LO65-10B24\\*](#) (\*= -OEM or blank), [LO65-10B48\\*](#) (\*= -OEM or blank), [LOF120-20B12-100](#), [LOF120-20B12-C-100](#), [LOF120-20B15-100](#), [LOF120-20B15-C-100](#), [LOF120-20B27-100](#), [LOF120-20B27-C-100](#), [LOF120-20B48-100](#), [LOF120-20B48-C-100](#), [LOF120-20Bxx](#), [LOF120-20Bxx-C](#), [LOF120-20Bxx-C-zzz](#), [LOF120-20Bxxx](#), [LOF120-20Byyy](#), [LOF120-20Byyy-C](#), [LOF120-20Byyy-C-zzz](#), [LOF120-20Byyy-zzz](#), [LOF225-20B42](#), [LOF225-20B42-zzz](#), [LOF225-20Bxx](#), [LOF225-20Bxx-C](#), [LOF225-20Bxx-C-zzz](#), [LOF225-20Bxx-zzz](#), [LS05-13B03SR2S](#), [LS05-13B03SR2S-F](#), [LS05-13B05SR2S](#), [LS05-13B05SR2S-F](#), [LS05-13B09SR2S](#), [LS05-13B09SR2S-F](#), [LS05-13B12SR2S](#), [LS05-13B12SR2S-F](#), [LS05-13B15SR2S](#), [LS05-13B15SR2S-F](#), [LS05-13B24SR2S](#), [LS05-13B24SR2S-F](#), [LS05-15B03SS](#), [LS05-15B03SS-F](#), [LS05-15B05SS](#), [LS05-15B05SS-F](#), [LS05-15B09SS](#), [LS05-15B09SS-F](#), [LS05-15B12SS](#), [LS05-15B12SS-F](#), [LS05-15B15SS](#), [LS05-15B15SS-F](#), [LS05-15B24SS](#), [LS05-15B24SS-F](#), [LS08-13B03SS](#), [LS08-13B03SS-F](#), [LS08-13B05SS](#), [LS08-13B05SS-F](#), [LS08-13B09SS](#), [LS08-13B09SS-F](#), [LS08-13B12SS](#), [LS08-13B12SS-F](#), [LS08-13B15SS](#), [LS08-13B15SS-F](#), [LS08-13B24SS](#), [LS08-13B24SS-F](#), [LS10-13B03SS](#), [LS10-13B03SS-F](#), [LS10-13B05SS](#), [LS10-13B05SS-F](#), [LS10-13B09SS](#), [LS10-13B09SS-F](#), [LS10-13B12SS](#), [LS10-13B12SS-F](#), [LS10-13B15SS](#), [LS10-13B15SS-F](#), [LS10-13B24SS](#), [LS10-13B24SS-F](#), [TD301D232H](#), [TD321DCAN](#),

TD3B1D485H, TD3B1D485H, TD321DCAN, URB1D12LMD-15WR3\*, URB1D12LMD-15WHR3\*, URB1D24LMD-15WR3\*, URB1D24LMD-15WHR3\*, URB2403YMD-15WR3\*, URB2403YMD-20WR3\*, URB2405JD-10W, URB2405JMD-10W, URB2405JMT-10W, URB2405JT-10W, URB2405YMD-15WR3\*, URB2405YMD-20WR3\*, URB2412JD-10W, URB2412JMD-10W, URB2412JMT-10W, URB2412JT-10W, URB2412LD-15WR3-KR, URB2412YMD-15WR3\*, URB2412YMD-20WR3\*, URB2415JD-10W, URB2415JMD-10W, URB2415JMT-10W, URB2415JT-10W, URB2415YMD-15WR3\*, URB2415YMD-20WR3\*, URB2424YMD-15WR3\*, URB2424YMD-20WR3, URB2424YMD-20WR3\*, URB4803YMD-15WR3\*, URB4803YMD-20WR3\*, URB4805YMD-15WR3\*, URB4805YMD-20WR3\*, URB4812YMD-15WR3\*, URB4812YMD-20WR3\*, URB4815YMD-15WR3\*, URB4815YMD-20WR3\*, URB4824YMD-15WR3\*, URB4824YMD-20WR3\*

Model(s): A0505XT-1WR3, E0505XT-1WR3, A0505XT-1WR3E, E0505XT-1WR3E, A0505XT-1WR3-TR, E0505XT-1WR3-TR

Model(s): A0509XT-1WR3, E0509XT-1WR3, A0509XT-1WR3E, E0509XT-1WR3E, A0509XT-1WR3-TR, E0509XT-1WR3-TR

Model(s): A0512XT-1WR3, E0512XT-1WR3, A0512XT-1WR3E, E0512XT-1WR3E, A0512XT-1WR3-TR, E0512XT-1WR3-TR

Model(s): A0515XT-1WR3, E0515XT-1WR3, A0515XT-1WR3E, E0515XT-1WR3E, A0515XT-1WR3-TR, E0515XT-1WR3-TR

Model(s): A0524XT-1WR3, E0524XT-1WR3, A0524XT-1WR3E, E0524XT-1WR3E, A0524XT-1WR3-TR, E0524XT-1WR3-TR

Model(s): IB05xxLS-1WR3\* (xx=05, 09, 12, 15, 24, \*=Blank or -TR or -xy)

Model(s): IF05xxS-1WR3\* (xx=05, 09, 12, 15, 24, \*=Blank or -TR or -xy)

Model(s): LD03-23B03R2, LD03-23B03WR2, LD03-23B03R2A2S, LD03-23B03R2A4S

Model(s): LD03-23B05R2, LD03-23B05WR2, LD03-23B05R2A2S, LD03-23B05R2A4S

Model(s): LD03-23B09R2, LD03-23B09WR2, LD03-23B09R2A2S, LD03-23B09R2A4S

Model(s): LD03-23B12R2, LD03-23B12WR2, LD03-23B12R2A2S, LD03-23B12R2A4S

Model(s): LD03-23B15R2, LD03-23B15WR2, LD03-23B15R2A2S, LD03-23B15R2A4S

Model(s): LD03-23B24R2, LD03-23B24WR2, LD03-23B24R2A2S, LD03-23B24R2A4S

Model(s): LD05-23B03R2, LD05-23B03WR2, LD05-23B03R2A2S, LD05-23B03R2A4S

Model(s): LD05-23B05R2, LD05-23B05WR2, LD05-23B05R2A2S, LD05-23B05R2A4S

Model(s): LD05-23B09R2, LD05-23B09WR2, LD05-23B09R2A2S, LD05-23B09R2A4S

Model(s): LD05-23B12R2, LD05-23B12WR2, LD05-23B12R2A2S, LD05-23B12R2A4S

Model(s): LD05-23B15R2, LD05-23B15WR2, LD05-23B15R2A2S, LD05-23B15R2A4S

Model(s): LD05-23B24R2, LD05-23B24WR2, LD05-23B24R2A2S, LD05-23B24R2A4S

Model(s): LD10-23Bxx-M Variable \* can be blank, A2S or A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage, eg: 03=3.3Vdc, 24=24.0Vdc.

Model(s): LD10-23BxxR2\*-M Variable \* can be blank, A2S or A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage, eg: 03=3.3Vdc, 24=24.0Vdc.

Model(s): LD15-23BxxR2-M Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage.

Model(s): LD20-23BxxR2\* Variable \* can be blank, A2S or A4S. Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage.

Model(s): LD20-23BxxR2\*, LD20-23BxxWR2, LD15-23BxxR2-M (c)

Model(s): LD20-23BxxWR2 Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage.

Model(s): LDE03-20B03\*, LDE03-20B03W, LD03-10B03R2, LD03-20B03-C

Model(s): LDE03-20B03-O\*(\*=A2S or A4S or Blank or -OEM)

Model(s): LDE03-20B05\*, LDE03-20B05W, LD03-10B05R2, LD03-20B05-C

Model(s): LDE03-20B05-O\*(\*=A2S or A4S or Blank or -OEM)

Model(s): LDE03-20B09\*, LDE03-20B09W, LD03-10B09R2, LD03-20B09-C

Model(s): LDE03-20B09-O\*(\*=A2S or A4S or Blank or -OEM)

Model(s): LDE03-20B12\*, LDE03-20B12W, LD03-10B12R2, LD03-20B12-C, LD03-10B12-FY

Model(s): LDE03-20B12-O\*(\*=A2S or A4S or Blank or -OEM)

Model(s): LDE03-20B15\*, LDE03-20B15W, LD03-10B15R2, LD03-20B15-C

Model(s): LDE03-20B15-O\*(\*=A2S or A4S or Blank or -OEM).

Model(s): LDE03-20B24\*, LDE03-20B24W, LD03-10B24R2, LD03-20B24-C

Model(s): LDE03-20B24-O\*(\*=A2S or A4S or Blank or -OEM).

Model(s): LDE05-20B03\*, LDE05-20B03W, LD05-20B03-C

Model(s): LDE05-20B05\*, LDE05-20B05W, LD05-20B05-C

Model(s): LDE05-20B09\*, LDE05-20B09W, LD05-20B09-C

Model(s): LDE05-20B12\*, LDE05-20B12W, LD05-20B12-C

Model(s): LDE05-20B15\*, LDE05-20B15W, LD05-20B15-C

Model(s): LDE05-20B24\*, LDE05-20B24W, LD05-20B24-C

Model(s): LDE06-20B03, LDE06-20B03A2S, LDE06-20B03A4S

Model(s): LDE06-20B05, LDE06-20B05A2S, LDE06-20B05A4S

Model(s): LDE06-20B09, LDE06-20B09A2S, LDE06-20B09A4S

Model(s): LDE06-20B12, LDE06-20B12A2S, LDE06-20B12A4S

Model(s): LDE06-20B15, LDE06-20B15A2S, LDE06-20B15A4S

Model(s): LDE06-20B24, LDE06-20B24A2S, LDE06-20B24A4S

Model(s): LHE05-20B03, LHE05-20B03A2, LHE05-20B03A4

Model(s): LHE05-20B05, LHE05-20B05A2, LHE05-20B05A4

Model(s): LHE05-20B09, LHE05-20B09A2, LHE05-20B09A4

Model(s): LHE05-20B12, LHE05-20B12A2, LHE05-20B12A4

Model(s): LHE05-20B15, LHE05-20B15A2, LHE05-20B15A4

Model(s): LHE05-20B24, LHE05-20B24A2, LHE05-20B24A4

Model(s): LHE10-20B03, LHE10-20B03A2, LHE10-20B03A4

Model(s): LHE10-20B05, LHE10-20B05A2, LHE10-20B05A4

Model(s): LHE10-20B09, LHE10-20B09A2, LHE10-20B09A4

Model(s): LHE10-20B12, LHE10-20B12A2, LHE10-20B12A4

Model(s): LHE10-20B15, LHE10-20B15A2, LHE10-20B15A4

Model(s): LHE10-20B24, LHE10-20B24A2, LHE10-20B24A4

Model(s): LHE15-20B03, LHE15-20B03 A2, LHE15-20B03A4

Model(s): LHE15-20B05, LHE15-20B05 A2, LHE15-20B05A4

Model(s): LHE15-20B09, LHE15-20B09 A2, LHE15-20B09A4

Model(s): LHE15-20B12, LHE15-20B12 A2, LHE15-20B12A4

Model(s): LHE15-20B15, LHE15-20B15 A2, LHE15-20B15A4

Model(s): LHE15-20B24, LHE15-20B24 A2, LHE15-20B24A4

Model(s): LHE20-20B03, LHE20-20B03 A2, LHE20-20B03A4

Model(s): LHE20-20B05, LHE20-20B05 A2, LHE20-20B05A4

Model(s): LHE20-20B09, LHE20-20B09 A2, LHE20-20B09A4

Model(s): LHE20-20B12, LHE20-20B12 A2, LHE20-20B12A4

Model(s): LHE20-20B15, LHE20-20B15 A2, LHE20-20B15A4

Model(s): LHE20-20B24, LHE20-20B24 A2, LHE20-20B24A4

Model(s): LHE25-23BxxA2 xx = 03, 05, 09, 12, 15, 24, 48. A2 = chassis mounting.

Model(s): LHE25-23BxxA4 xx = 03, 05, 09, 12, 15, 24, 48. A4 = DIN-Rail mounting.

Model(s): LI30-20BxxPR2 (which xx represent the output voltage in volt, 05=5.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 48=48Vdc)

Model(s): LM100-20B\*(\* means the model suffix, can be XX, XX-C, XX-Q, XX-XXX, XX-C-XXX, XX-Q-XXX, YYY, YYY-C, YYY-Q, YYY-XXX, YYY-C-XXX, YYY-Q-XXX)

Model(s): LM100-22B\*(\* means the model suffix, can be XX, XX-C, XX-Q, XX-XXX, XX-C-XXX, XX-Q-XXX, YYY, YYY-C, YYY-Q, YYY-XXX, YYY-C-XXX, YYY-Q-XXX)

Model(s): LM100-23B\*(\* means the model suffix, can be XX, XX-C, XX-Q, XX-XXX, XX-C-XXX, XX-Q-XXX, YYY, YYY-C, YYY-Q, YYY-XXX, YYY-C-XXX, YYY-Q-XXX)

Model(s): LMF75-20Bxx-C-zzz, where "xx", "yyy" and "zzz" are variables, The model details see enclosure 07-03 for details.

Model(s): LMF75-20Bxx-Q-zzz, where "xx", "yyy" and "zzz" are variables, The model details see enclosure 07-03 for details.

Model(s): LMF75-20Bxx-zzz, where "xx", "yyy" and "zzz" are variables, The model details see enclosure 07-03 for details.

Model(s): LOF120-20B12, LOF120-20B12-C, LOF120-20B12-zzz, LOF120-20B12-C-zzz(zzz=A-Z, 3 digits number, indicate different sales purposes.)

Model(s): LOF120-20B15, LOF120-20B15-C, LOF120-20B15-zzz, LOF120-20B15-C-zzz (zzz=A-Z, 3 digits number, indicate different sales purposes.)

Model(s): LOF120-20B24, LOF120-20B24-C, LOF120-20B24-zzz, LOF120-20B24-C-zzz. (zzz=A-Z, 3 digits number, indicate different sales purposes.)

Model(s): LOF120-20B24-100, LOF120-20B24-C-100. (zzz=A-Z, 3 digits number, indicate different sales purposes.)

Model(s): LOF120-20B27, LOF120-20B27-C, LOF120-20B27-zzz, LOF120-20B27-C-zzz, (zzz=A-Z, 3 digits number, indicate different sales purposes.)

Model(s): LOF120-20B48, LOF120-20B48-C, LOF120-20B48-zzz, LOF120-20B48-C-zzz, (zzz=A-Z, 3 digits number, indicate different sales purposes.)

Model(s): LOF225-20B12-180, LOF225-20B12-C-180, LOF225-20B12-200, LOF225-20B12-C-200, LOF225-20B12, LOF225-20B12-zzz, LOF225-20B12-C, LOF225-20B12-C-zzz

Model(s): LOF225-20B15-180, LOF225-20B15-C-180, LOF225-20B15-200, LOF225-20B15-C-200, LOF225-20B15, LOF225-20B15-zzz, LOF225-20B15-C, LOF225-20B15-C-zzz

Model(s): LOF225-20B24-180, LOF225-20B24-C-180, LOF225-20B24-200, LOF225-20B24-C-200, LOF225-20B24, LOF225-20B24-zzz, LOF225-20B24-C, LOF225-20B24-C-zzz

Model(s): LOF225-20B27-180, LOF225-20B27-C-180, LOF225-20B27-200, LOF225-20B27-C-200, LOF225-20B27, LOF225-20B27-zzz, LOF225-20B27-C, LOF225-20B27-C-zzz

Model(s): LOF225-20B48-180, LOF225-20B48-C-180, LOF225-20B48-200, LOF225-20B48-C-200, LOF225-20B48, LOF225-20B48-zzz, LOF225-20B48-C, LOF225-20B48-C-zzz

Model(s): LOF225-20Byyy, LOF225-20Byyy-zzz, LOF225-20Byyy-C, LOF225-20Byyy-C-zzz(f).

Model(s): LS03-13BxxR3 (which xx represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 09=9.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc)

Model(s): LS05-13BxxR3 (which xx represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 09=9.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc)

Model(s): LS05-15BXXSS (XX=03, 05, 09, 12, 15, 24 for output voltage)

Model(s): LS05-15BxxSS-F (XX=03, 05, 09, 12, 15, 24 for output voltage)

Model(s): LS10-13BxxR3 (which xx represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 09=9.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc)

Model(s): LS15-13BxxSS, LS15-13BxxSS-F (which xx represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 09=9.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc)

Model(s): URB2405JD-10W, URB2405JMD-10W, URB2405JT-10W, URB2405JMT-10W

Model(s): URB2412JD-10W, URB2412JMD-10W, URB2412JT-10W, URB2412JMT-10W

Model(s): URB2415JD-10W, URB2415JMD-10W, URB2415JT-10W, URB2415JMT-10W

Model(s): VRB1205JMD-6W, VRB1205JMT-6W, VRB1205JD-6W, VRB1205JT-6W



mounting.)

**AC-DC converter**, Model(s): LHE15-23BYY\* (where YY can be 03, 05, 12, 15, 24 is presenting output voltage,) (If \* is none, it means standard module. If \* is A2, it means chassis mounting. If \* is A4, it means DIN-Rail mounting.)

**AC-DC converter**, Model(s): LHE15-23BYY\*-XXX (where XXX can be any alphanumeric character or blank is presenting customer code, YY can be 03, 05, 12, 15, 24 is presenting output voltage,) (If \* is none, it means standard module. If \* is A2, it means chassis mounting. If \* is A4, it means DIN-Rail mounting.)

**AC-DC converter**, Model(s): LHE15-23BYYR2\* (where YY can be 03, 05, 12, 15, 24 is presenting output voltage,) (If \* is none, it means standard module. If \* is A2, it means chassis mounting. If \* is A4, it means DIN-Rail mounting.)

**AC-DC converter**, Model(s): LHE15-23BYYR2\*-XXX (where XXX can be any alphanumeric character or blank is presenting customer code, YY can be 03, 05, 12, 15, 24 is presenting output voltage,) (If \* is none, it means standard module. If \* is A2, it means chassis mounting. If \* is A4, it means DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LHE25-23B03, LHE25-23B05, LHE25-23B09, LHE25-23B12, LHE25-23B15, LHE25-23B24, LHE25-23B48, LM350-10B05, LM350-10B05-Q, LM350-10B12, LM350-10B12-Q, LM350-10B15, LM350-10B15-Q, LM350-10B24, LM350-10B24-Q, LM350-10B36, LM350-10B36-Q, LM350-10B48, LM350-10B48-Q, LM35-10D0512-10-OEM, LM35-10D0524-10-OEM, LM75-10D0512-30-OEM, LM75-10D0524-20-OEM, LMF75-20Bxx xx can be 05, 12, 15, 24, 48, LO15-10B012\* \* = -OEM or blank., LO15-10B03\* \* = -OEM or blank., LO15-10B05\* \* = -OEM or blank., LO15-10B09\* \* = -OEM or blank., LO15-10B15\* \* = -OEM or blank., LO15-10B24\* \* = -OEM or blank., LO45-10B03-OEM, LO45-10B05-OEM, LO45-10B09-OEM, LO45-10B12-OEM, LO45-10B15-OEM, LO45-10B24-OEM, LO45-10B48-OEM, LO65-10B05-NW-OEM, LO65-10B05-OEM, LO65-10B09-OEM, LO65-10B12-OEM, LO65-10B15-OEM, LO65-10B24-OEM, LO65-10B48-OEM, LOF120-20B12-NW, LOF225-20B12-180, LOF225-20B12-200, LOF225-20B12-C-180, LOF225-20B12-C-200, LOF225-20B15-180, LOF225-20B15-200, LOF225-20B15-C-180, LOF225-20B15-C-200, LOF225-20B24-180, LOF225-20B24-200, LOF225-20B24-C-180, LOF225-20B24-C-200, LOF225-20B27-180, LOF225-20B27-200, LOF225-20B27-C-180, LOF225-20B27-C-200, LOF225-20B36-180, LOF225-20B36-200, LOF225-20B36-C-180, LOF225-20B36-C-200, LOF225-20B48-180, LOF225-20B48-200, LOF225-20B48-C-180, LOF225-20B48-C-200, LOF225-20B54-180, LOF225-20B54-200, LOF225-20B54-C-180, LOF225-20B54-C-200, LS10-13B03SS\* \*-F or blank, LS10-13B05SS\* \*-F or blank, LS10-13B09SS\* \*-F or blank, LS10-13B12SS\* \*-F or blank, LS10-13B15SS\* \*-F or blank, LS10-13B24SS\* \*-F or blank

**AC-DC Converter**, Model(s): LD03-10B12-FY Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage

**AC-DC Converter**, Model(s): LD03-10BxxR2 Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage

**AC-DC Converter**, Model(s): LD03-16Bxx& ("xx" = 03, 05, 09, 12, 15, 24 which represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 09=9.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, "&" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LD03-20Bxx-C Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage

**AC-DC Converter**, Model(s): LD05-20BXX\* (where XX represents output voltage, e.g. 05=5V, 12=12V) (If \* is none, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LD05-20Bxx-C Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage

**AC-DC Converter**, Model(s): LD05-23BXX (where XX represents output voltage, e.g. 05=5V, 12=12V)

**AC-DC Converter**, Model(s): LD30-23BxxR2 (Variable \* can be blank, A2S or A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15, 24 and 48, indicate output voltage, eg: 03=3.3Vdc, 48=48.0Vdc. Variable XXX can be 1-3 digits, A-Z or 0-9 any letter, use to distinguish between Different sales purposes)

**AC-DC Converter**, Model(s): LD30-23BxxR2\* (Variable \* can be blank, A2S or A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15, 24 and 48, indicate output voltage, eg: 03=3.3Vdc, 48=48.0Vdc. Variable XXX can be 1-3 digits, A-Z or 0-9 any letter, use to distinguish between Different sales purposes)

**AC-DC Converter**, Model(s): LD30-23BxxR2\*-XXX (Variable \* can be blank, A2S or A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15, 24 and 48, indicate output voltage, eg: 03=3.3Vdc, 48=48.0Vdc. Variable XXX can be 1-3 digits, A-Z or 0-9 any letter, use to distinguish between Different sales purposes)

**AC-DC Converter**, Model(s): LD30-23BxxR2-XXX (Variable \* can be blank, A2S or A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15, 24 and 48, indicate output voltage, eg: 03=3.3Vdc, 48=48.0Vdc. Variable XXX can be 1-3 digits, A-Z or 0-9 any letter, use to distinguish between Different sales purposes)

**AC-DC Converter**, Model(s): LD30-23BxxWR2 (Variable \* can be blank, A2S or A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15, 24 and 48, indicate output voltage, eg: 03=3.3Vdc, 48=48.0Vdc. Variable XXX can be 1-3 digits, A-Z or 0-9 any letter, use to distinguish between Different sales purposes)

**AC-DC Converter**, Model(s): LD30-23BxxWR2-XXX (Variable \* can be blank, A2S or A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15, 24 and 48, indicate output voltage, eg: 03=3.3Vdc, 48=48.0Vdc. Variable XXX can be 1-3 digits, A-Z or 0-9 any letter, use to distinguish between Different sales purposes)

**AC-DC Converter**, Model(s): LDE03-20Bxx\* \* can be blank, A2S and A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage

**AC-DC Converter**, Model(s): LDE03-20BxxW \* can be blank, A2S and A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage

**AC-DC Converter**, Model(s): LDE05-20Bxx\* \* can be blank, A2S and A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage

**AC-DC Converter**, Model(s): LDE05-20BxxW Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage

**AC-DC Converter**, Model(s): LDE05-23B03\* \* can be blank, A2, A2S, A4 and A4S. If \* is blank, it means standard module. If \* is A2, A2S, it means chassis mounting. If \* is A4, A4S, it means DIN-Rail mounting.

**AC-DC Converter**, Model(s): LDE05-23B05\* \* can be blank, A2, A2S, A4 and A4S. If \* is blank, it means standard module. If \* is A2, A2S, it means chassis mounting. If \* is A4, A4S, it means DIN-Rail mounting.

**AC-DC Converter**, Model(s): LDE05-23B09\* \* can be blank, A2, A2S, A4 and A4S. If \* is blank, it means standard module. If \* is A2, A2S, it means chassis mounting. If \* is A4, A4S, it means DIN-Rail mounting.

**AC-DC Converter**, Model(s): LDE05-23B12\* \* can be blank, A2, A2S, A4 and A4S. If \* is blank, it means standard module. If \* is A2, A2S, it means chassis mounting. If \* is A4, A4S, it means DIN-Rail mounting.

**AC-DC Converter**, Model(s): LDE05-23B15\* \* can be blank, A2, A2S, A4 and A4S. If \* is blank, it means standard module. If \* is A2, A2S, it means chassis mounting. If \* is A4, A4S, it means DIN-Rail mounting.

**AC-DC Converter**, Model(s): LDE05-23B24\* \* can be blank, A2, A2S, A4 and A4S. If \* is blank, it means standard module. If \* is A2, A2S, it means chassis mounting. If \* is A4, A4S, it means DIN-Rail mounting.

**AC-DC Converter**, Model(s): LDE06-20B03\* \* can be blank, A2S and A4S.

**AC-DC Converter**, Model(s): LDE06-20B05\* \* can be blank, A2S and A4S.

**AC-DC Converter**, Model(s): LDE06-20B09\* \* can be blank, A2S and A4S.

**AC-DC Converter**, Model(s): LDE06-20B12\* \* can be blank, A2S and A4S.

**AC-DC Converter**, Model(s): LDE06-20B15\* \* can be blank, A2S and A4S.

**AC-DC Converter**, Model(s): LDE06-20B24\* \* can be blank, A2S and A4S.

**AC-DC Converter**, Model(s): LH25-23B09\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LH25-23B09R2\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LH25-23B09R2\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LH25-23B12R2\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LH25-23B12R2\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LHE05-20Bxx Where xx=03, 05, 09, 12, 15, 24

**AC-DC Converter**, Model(s): LHE05-20BxxA2 Where xx=03, 05, 09, 12, 15, 24

**AC-DC Converter**, Model(s): LHE05-20BxxA4 Where xx=03, 05, 09, 12, 15, 24

**AC-DC Converter**, Model(s): LHE15-23Bxx xx= 03, 05, 09, 12, 15, 24, 48.

**AC-DC Converter**, Model(s): LHE15-23BxxA2 xx= 03, 05, 09, 12, 15, 24, 48. A2 = chassis mounting.

**AC-DC Converter**, Model(s): LHE15-23BxxA4 xx= 03, 05, 09, 12, 15, 24, 48. A4 = DIN-Rail mounting.

**AC-DC Converter**, Model(s): LHE25-20B09\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LHE25-20B09\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LHE25-20B09R2\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LHE25-20B09R2\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LHE25-20B12\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LHE25-20B12\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LHE25-20B12R2\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LHE25-20B12R2\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LHE25-23B09\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LHE25-23B09R2\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LHE25-23B09R2\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LHE25-23B12\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LHE25-23B12\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LHE25-23B12R2\* (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting.)

**AC-DC Converter**, Model(s): LHE25-23B12R2\*-XXX (\* = Blank or A2 or A4. Blank means standard module, A2 means standard module with chassis mounting, A4 means standard module with DIN-Rail mounting. X=0-9, or A-Z. 1~3 digits, represent customer code form 0-9 or A-Z any letter.)

**AC-DC Converter**, Model(s): LHE60-20Bxx\* Variable \* can be blank, A5 or A6. If \* is blank, it means standard module. If \* is A5, it means chassis mounting. If \* is A6, it means DIN-Rail mounting. Variable xx can be 05, 12, 15, 24 and 48, indicate output voltage, eg: 05=5.0Vdc, 48=48.0Vdc

**AC-DC Converter**, Model(s): LM350-10B\* \*: means the model suffix, can be XX, XX-C, XX-Q, XX-XXX, XX-C-XXX, XX-Q-XXX, YYY, YYY-C, YYY-Q, YYY-XXX, YYY-C-XXX, YYY-Q-XXX

**AC-DC Converter**, Model(s): LM350-10B05a a=-C, -Q, -XXX, -C-XXX, -Q-XXX or blank, YYY=040 to 055

**AC-DC Converter**, Model(s): LM350-10BYYYa a=-C, -Q, -XXX, -C-XXX, -Q-XXX or blank, YYY=040 to 055

**AC-DC Converter**, Model(s): LM350-12B\* \*: means the model suffix, can be XX, XX-C, XX-Q, XX-XXX, XX-C-XXX, XX-Q-XXX, YYY, YYY-C, YYY-Q, YYY-XXX, YYY-C-XXX, YYY-Q-XXX

**AC-DC Converter**, Model(s): LM350-12B05a a=-C, -Q, -XXX, -C-XXX, -Q-XXX or blank, YYY=040 to 055

**AC-DC Converter**, Model(s): LM350-12BYYYa a=-C, -Q, -XXX, -C-XXX, -Q-XXX or blank, YYY=040 to 055

**AC-DC Converter**, Model(s): LMF1000-20BYYY (where 'YYY' can be 121-580 represents output voltage 12.1V-58.0V, in step of 0.1V, for example: 121 is 12.1V, 159 is 15.9V)

**AC-DC Converter**, Model(s): LMF1000-20BYYY-Q (where 'YYY' can be 121-580 represents output voltage 12.1V-58.0V, in step of 0.1V, for example: 121 is 12.1V, 159 is 15.9V)

**AC-DC Converter**, Model(s): LMF1000-20BYYY-Q-XXX (where 'YYY' can be 121-580 represents output voltage 12.1V-58.0V, in step of 0.1V, for example: 121 is 12.1V, 159 is 15.9V) (Where 'XXX' can be any alphanumeric character)

**AC-DC Converter**, Model(s): LMF1000-20BYYY-XXX (where 'YYY' can be 121-580 represents output voltage 12.1V-58.0V, in step of 0.1V, for example: 121 is 12.1V, 159 is 15.9V) (Where 'XXX' can be any alphanumeric character)

**AC-DC Converter**, Model(s): LMF1000-20BZZ (where 'ZZ' can be 12, 15, 24, 27, 36, 48 or 54 represents output voltage 12V,15V, 24V, 27V, 36V, 48V or 54V)

**AC-DC Converter**, Model(s): LMF1000-20BZZ-Q (where 'ZZ' can be 12, 15, 24, 27, 36, 48 or 54 represents output voltage 12V,15V, 24V, 27V, 36V, 48V or 54V)

**AC-DC Converter**, Model(s): LMF1000-20BZZ-Q-XXX (where 'ZZ' can be 12, 15, 24, 27, 36, 48 or 54 represents output voltage 12V,15V, 24V, 27V, 36V, 48V or 54V) (Where 'XXX' can be any alphanumeric character)

**AC-DC Converter**, Model(s): LMF1000-20BZZ-XXX (where 'ZZ' can be 12, 15, 24, 27, 36, 48 or 54 represents output voltage 12V,15V, 24V, 27V, 36V, 48V or 54V) (Where 'XXX' can be any alphanumeric character)

**AC-DC Converter**, Model(s): LMF100-20B% \* means the model suffix, can be YYY, YYY-C, YYY-Q, YYY-CQ, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ, YYY-CQ-ZZZ. YYY=11.4-52.8, representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 114=11.4Vdc, 528=52.8Vdc. ZZZ was replaced by 1-3 digits, Z=A-Z any letter, use to distinguish between Different sales purposes

**AC-DC Converter**, Model(s): LMF100-20B\* (\* means the model suffix, can be XX, XX-C, XX-Q, XX-CQ, XX-ZZZ, XX-C-ZZZ, XX-Q-ZZZ, XX-CQ-ZZZ, XX=12, 15, 24, 48, means output voltage 12V, 15V, 24V, 48V. ZZZ was replaced by 1-3 digits, Z=A-Z any letter, use to distinguish between Different sales purposes )

**AC-DC Converter**, Model(s): LMF100-23B% (%means the model suffix, can be YYY, YYY-C, YYY-Q, YYY-CQ, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ, YYY-CQ-ZZZ. YYY=11.4-52.8, representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 114=11.4Vdc, 528=52.8Vdc. ZZZ was replaced by 1-3 digits, Z=A-Z any letter, use to distinguish between Different sales purposes )

**AC-DC Converter**, Model(s): LMF100-23B\* \* means the model suffix, can be YYY, YYY-C, YYY-Q, YYY-CQ, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ, YYY-CQ-ZZZ. YYY=11.4-52.8, representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 114=11.4Vdc, 528=52.8Vdc. ZZZ was replaced by 1-3 digits, Z=A-Z any letter, use to distinguish between Different sales purposes

**AC-DC Converter**, Model(s): LMF150-20B\* (\* means the model suffix, can be XX, XX-C, XX-Q, XX-ZZZ, XX-C-ZZZ, XX-Q-ZZZ, YYY, YYY-C, YYY-Q, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ, XX=12, 15, 24, 48, means output voltage 12V, 15V, 24V, 48V, YYY=102-528, representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 102=10.2Vdc, 528=52.8Vdc, ZZZ=Z=A-Z any letter, Use to distinguish between Different sales purposes .)

**AC-DC Converter**, Model(s): LMF150-23B\* (\* means the model suffix, can be XX, XX-C, XX-Q, XX-ZZZ, XX-C-ZZZ, XX-Q-ZZZ, YYY, YYY-C, YYY-Q, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ, XX=12, 15, 24, 48, means output voltage 12V, 15V, 24V, 48V, YYY=102-528, representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 102=10.2Vdc, 528=52.8Vdc, ZZZ=Z=A-Z any letter, Use to distinguish between Different sales purposes .)

**AC-DC Converter**, Model(s): LMF200-20B\* (\* means the model suffix, can be XX, XX-C, XX-Q, XX-ZZZ, XX-C-ZZZ, XX-Q-ZZZ, YYY, YYY-C, YYY-Q, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ, among them, XX, YYY, Z are variable, XX=05, 12, 15, 24, 48, which is 2 digits number, means output voltage 5.0Vdc, 12.0Vdc, 15.0Vdc, 24.0Vdc, 48.0Vdc, YYY=040-560, which is 3 digits number representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 040=4.0Vdc, 560=56.0Vdc, Z=A-Z or 0-9, which is any Arabian number or English letter, use to distinguish between different sales purposes. Models with suffix "C": Terminal block with protective cover, others are the same with the basic models. Models with suffix "Q": PCB with conformal coating, others are the same with the basic models.)

**AC-DC Converter**, Model(s): LMF200-20BXX ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BXX-C ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BXX-C-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BXX-Q ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BXX-Q-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BXX-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BYYY ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BYYY-C ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BYYY-C-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"=

11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BYYY-Q ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BYYY-Q-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-20BYYY-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23B\* (\* means the model suffix, can be XX, XX-C, XX-Q, XX-ZZZ, XX-C-ZZZ, XX-Q-ZZZ, YYY, YYY-C, YYY-Q, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ, among them, XX, YYY, Z are variable, XX=05, 12, 15, 24, 48, which is 2 digits number, means output voltage 5.0Vdc, 12.0Vdc, 15.0Vdc, 24.0Vdc, 48.0Vdc, YYY=040-560, which is 3 digits number representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 040=4.0Vdc, 560=56.0Vdc, Z=A-Z or 0-9, which is any Arabian number or English letter, use to distinguish between different sales purposes. Models with suffix "C": Terminal block with protective cover, others are the same with the basic models. Models with suffix "Q": PCB with conformal coating, others are the same with the basic models.)

**AC-DC Converter**, Model(s): LMF200-23BXX ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BXX-C ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BXX-C-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BXX-Q ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BXX-Q-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BXX-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BYYY ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BYYY-C ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BYYY-C-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BYYY-Q ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12"= 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114"= 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

= 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BYYY-Q-xxx ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12" = 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114" = 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF200-23BYYY-XXX ("XX" is 2 digit number equal to 12 or 15 or 24 or 48, which represents the output voltage. For example, "12" = 12Vdc, "48" = 48Vdc. "YYY" is 3 digit number (see table I) which represents the output voltage in a step of 0.1V. For example, "114" = 11.4Vdc, "480" = 48.0Vdc. "xxx" is any letter, can be "A-Z or blank", which represents different customer code for marketing purposes. The step of the output current is 0.1A.)

**AC-DC Converter**, Model(s): LMF320-20B\* (\* means the model suffix, can be XX, XX-C, XX-Q, XX-ZZZ, XX-C-ZZZ, XX-Q-ZZZ, YYY, YYY-C, YYY-Q, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ, among them, XX, YYY, Z are variable, XX=05, 12, 15, 24, 48, which is 2 digits number, means output voltage 5.0Vdc, 12.0Vdc, 15.0Vdc, 24.0Vdc, 48.0Vdc, YYY=040-560, which is 3 digits number representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 040=4.0Vdc, 560=56.0Vdc, Z=A-Z or 0-9, which is any Arabian number or English letter, use to distinguish between different sales purposes. Models with suffix "C": Terminal block with protective cover, others are the same with the basic models. Models with suffix "Q": PCB with conformal coating, others are the same with the basic models.)

**AC-DC Converter**, Model(s): LMF320-23B\* (\* means the model suffix, can be XX, XX-C, XX-Q, XX-ZZZ, XX-C-ZZZ, XX-Q-ZZZ, YYY, YYY-C, YYY-Q, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ, among them, XX, YYY, Z are variable, XX=05, 12, 15, 24, 48, which is 2 digits number, means output voltage 5.0Vdc, 12.0Vdc, 15.0Vdc, 24.0Vdc, 48.0Vdc, YYY=040-560, which is 3 digits number representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 040=4.0Vdc, 560=56.0Vdc, Z=A-Z or 0-9, which is any Arabian number or English letter, use to distinguish between different sales purposes. Models with suffix "C": Terminal block with protective cover, others are the same with the basic models. Models with suffix "Q": PCB with conformal coating, others are the same with the basic models.)

**AC-DC Converter**, Model(s): LMF75-20Bxx -C xx can be 05, 12, 15, 24, 48

**AC-DC Converter**, Model(s): LMF75-20Bxx -Q xx can be 05, 12, 15, 24, 48

**AC-DC Converter**, Model(s): LO75-20B12E XXX stands for 1~3 digits, X=A~Z any letter or 0~9 any number, presenting customer code

**AC-DC Converter**, Model(s): LO75-20B12E-XXX XXX stands for 1~3 digits, X=A~Z any letter or 0~9 any number, presenting customer code

**AC-DC Converter**, Model(s): LO75-20B15E XXX stands for 1~3 digits, X=A~Z any letter or 0~9 any number, presenting customer code

**AC-DC Converter**, Model(s): LO75-20B15E-XXX XXX stands for 1~3 digits, X=A~Z any letter or 0~9 any number, presenting customer code

**AC-DC Converter**, Model(s): LOF225-20Bxx xx=12, 15, 24, 27, 36, 42, 48 or 54, 2 digits number, means output voltage 12Vdc, 15Vdc, 24Vdc, 27Vdc, 36Vdc, 42Vdc, 48Vdc, 54Vdc.

**AC-DC Converter**, Model(s): LOF225-20Bxx-C xx=12, 15, 24, 27, 36, 42, 48 or 54, 2 digits number, means output voltage 12Vdc, 15Vdc, 24Vdc, 27Vdc, 36Vdc, 42Vdc, 48Vdc, 54Vdc

**AC-DC Converter**, Model(s): LOF225-20Bxx-C-zzz xx=12, 15, 24, 27, 36, 42, 48 or 54, 2 digits number, means output voltage 12Vdc, 15Vdc, 24Vdc, 27Vdc, 36Vdc, 42Vdc, 48Vdc, 54Vdc. zzz=0-9 or A-Z or blank, 1-3 digits number or letter, indicate different sales purpose.

**AC-DC Converter**, Model(s): LOF225-20Bxx-zzz xx=12, 15, 24, 27, 36, 42, 48 or 54, 2 digits number, means output voltage 12Vdc, 15Vdc, 24Vdc, 27Vdc, 36Vdc, 42Vdc, 48Vdc, 54Vdc. zzz=0-9 or A-Z or blank, 1-3 digits number or letter, indicate different sales purpose.

**AC-DC Converter**, Model(s): LOF225-20Byyy yyy=118-555, 3 digits number, indicate output voltage from 11.8Vdc to 55.5Vdc in step of 0.1V, eg: 118=11.8Vdc, 555=55.5Vdc.

**AC-DC Converter**, Model(s): LOF225-20Byyy-C yyy=118-555, 3 digits number, indicate output voltage from 11.8Vdc to 55.5Vdc in step of 0.1V, eg: 118=11.8Vdc, 555=55.5Vdc.

**AC-DC Converter**, Model(s): LOF225-20Byyy-C-zzz yyy=118-555, 3 digits number, indicate output voltage from 11.8Vdc to 55.5Vdc in step of 0.1V, eg: 118=11.8Vdc, 555=55.5Vdc. zzz=0-9 or A-Z or blank, 1-3 digits number or letter, indicate different sales purpose.

**AC-DC Converter**, Model(s): LOF225-20Byyy-zzz yyy=118-555, 3 digits number, indicate output voltage from 11.8Vdc to 55.5Vdc in step of 0.1V, eg: 118=11.8Vdc, 555=55.5Vdc. zzz=0-9 or A-Z or blank, 1-3 digits number or letter, indicate different sales purpose.

**AC-DC Converter**, Model(s): LOF350-20B24-GM (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF350-20B24-GM-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF350-20BXX, LOF350-20BXX-C, LOF350-20BXX-ZZZ ("XX" is 2 digits number from "12", "15", "24", "27", "48", means output voltage 12Vdc, 15Vdc, 24Vdc, 27Vdc, 48Vdc. "YYY" is 3 digits number from "114 to 504" indicate output voltage from 11.8Vdc to 50.4Vdc in step of 0.1V, eg: 114=11.4Vdc, 504=50.4Vdc. "ZZZ" is 3 digits number, Z= A-Z any letter or 0-9 any Arabic numerals or blank, 1-3 digits number, indicate different sales purposes.)

**AC-DC Converter**, Model(s): LOF350-20BYYY, LOF350-20BYYY-C, LOF350-20BYYY-ZZZ, LOF350-20BYYY-C-ZZZ ("XX" is 2 digits number from "12", "15", "24", "27", "48", means output voltage 12Vdc, 15Vdc, 24Vdc, 27Vdc, 48Vdc. "YYY" is 3 digits number from "114 to 504" indicate output voltage from 11.8Vdc to 50.4Vdc in step of 0.1V, eg: 114=11.4Vdc, 504=50.4Vdc. "ZZZ" is 3 digits number, Z= A-Z any letter or 0-9 any Arabic numerals or blank, 1-3 digits number, indicate different sales purposes.)

**AC-DC Converter**, Model(s): LOF450-20Bxx (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF450-20Bxx-C (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF450-20Bxx-CF (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF450-20Bxx-CF-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF450-20Bxx-C-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF450-20Bxx-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF550-20Bxx (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF550-20Bxx-C (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF550-20Bxx-CF (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF550-20Bxx-CF-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF550-20Bxx-C-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LOF550-20Bxx-ZZZ (Series models with Suffix "xx" represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc, Where "C" represents product with metal enclosure, without "C" means open frame(standard model), Suffix "CF" stand for metal enclosure + Fan cooling structure, "-ZZZ" can be single to three digits with variable character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank)

**AC-DC Converter**, Model(s): LS10-13BxxR3P "xx" is 2 digit number equal to 03 or 05 or 09 or 12 or 15 or 24, which represents the output voltage. For example, "03" = 3.3Vdc, "09" = 9Vdc, "24" = 24Vdc

**AC-DC Converter**, Model(s): LS10-13BxxR3P-F "xx" is 2 digit number equal to 03 or 05 or 09 or 12 or 15 or 24, which represents the output voltage. For example, "03"= 3.3Vdc, "09" = 9Vdc, "24" = 24Vdc "F" means that the direction of pin is different.

**AC-DC Converter**, Model(s): LS10-13BxxR3P-FQ "xx" is 2 digit number equal to 03 or 05 or 09 or 12 or 15 or 24, which represents the output voltage. For example, "03"= 3.3Vdc, "09" = 9Vdc, "24" = 24Vdc "F" means that the direction of pin is different. "Q" means that models added with anti-corrosion paint

**AC-DC Converter**, Model(s): LS10-13BxxR3P-FQ-XXX "xx" is 2 digit number equal to 03 or 05 or 09 or 12 or 15 or 24, which represents the output voltage. For example, "03"= 3.3Vdc, "09" = 9Vdc, "24" = 24Vdc "F" means that the direction of pin is different. "Q" means that models added with anti-corrosion paint "XXX" stands for 1-3 digits, X=A-Z any letter or blank. Represent different customer code

**AC-DC Converter**, Model(s): LS10-13BxxR3P-F-XXX "xx" is 2 digit number equal to 03 or 05 or 09 or 12 or 15 or 24, which represents the output voltage. For example, "03"= 3.3Vdc, "09" = 9Vdc, "24" = 24Vdc "F" means that the direction of pin is different. "XXX" stands for 1-3 digits, X=A-Z any letter or blank. Represent different customer code.

**AC-DC Converter**, Model(s): LS10-13BxxR3P-Q "xx" is 2 digit number equal to 03 or 05 or 09 or 12 or 15 or 24, which represents the output voltage. For example, "03"= 3.3Vdc, "09" = 9Vdc, "24" = 24Vdc "Q" means that models added with anti-corrosion paint

**AC-DC Converter**, Model(s): LS10-13BxxR3P-Q-XXX "xx" is 2 digit number equal to 03 or 05 or 09 or 12 or 15 or 24, which represents the output voltage. For example, "03"= 3.3Vdc, "09" = 9Vdc, "24" = 24Vdc "Q" means that models added with anti-corrosion paint. "XXX" stands for 1-3 digits, X=A-Z any letter or blank. Represent different customer code.

**AC-DC Converter**, Model(s): LS10-13BxxR3P-XXX "xx" is 2 digit number equal to 03 or 05 or 09 or 12 or 15 or 24, which represents the output voltage. For example, "03"= 3.3Vdc, "09" = 9Vdc, "24" = 24Vdc "XXX" stands for 1-3 digits, X=A-Z any letter or blank. Represent different customer code.

**Component Recognition**, Model(s): LD03-23B03R2\* [a], LD03-23B05R2\* [a], LD03-23B09R2\* [a], LD03-23B12R2\* [a], LD03-23B15R2\* [a], LD03-23B24R2\* [a], LD10-23B03R2\* [a], LD10-23B05R2\* [a], LD10-23B09R2\* [a], LD10-23B12R2\* [a], LD10-23B15R2\* [a], LD10-23B24R2\* [a], LD20-26B12, LD20-26B24, LM35-10D0512-10, LM35-10D0524-10, LM75-10D0512-30, LM75-10D0524-20, LO45-10B03, LO45-10B05, LO45-10B09, LO45-10B12, LO45-10B15, LO45-10B24, LO45-10B48, LO65-10B05, LO65-10B05-NW, LO65-10B09, LO65-10B12, LO65-10B15, LO65-10B24, LO65-10B48

**Component Recognition**, Model(s): LDE02-23Bxx\* (Variable \* can be blank, A2S and A4S. If \* is blank, it means standard module. If \* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15 and 24, indicate output voltage, eg: 03=3.3Vdc, 24=24.0Vdc.)

**DC-DC converter**, Model(s): F0505D-2WR2-YG, H0505S-1WR2-YG

**DC-DC converter**, Model(s): B1505S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC converter**, Model(s): B1509S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC converter**, Model(s): B1512S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC converter**, Model(s): B1515S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC converter**, Model(s): B2403S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC converter**, Model(s): B2405S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC converter**, Model(s): B2409S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC converter**, Model(s): B2412S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC converter**, Model(s): B2415S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC converter**, Model(s): B2424S-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): A0505S-1WR3\*, \*=Blank or "-TR" or "-xy", A0509S-1WR3\*, \*=Blank or "-TR" or "-xy", A0512S-1WR3\*, \*=Blank or "-TR" or "-xy", A0515S-1WR3\*, \*=Blank or "-TR" or "-xy", A0524S-1WR3\*, \*=Blank or "-TR" or "-xy", B0503T-1WR3, B0505T-1WR3, B0509T-1WR3, B0512T-1WR3, E0505S-1WR3\*, \*=Blank or "-TR" or "-xy", E0509S-1WR3\*, \*=Blank or "-TR" or "-xy", E0512S-1WR3\*, \*=Blank or "-TR" or "-xy", E0515S-1WR3\*, \*=Blank or "-TR" or "-xy", E0524S-1WR3\*, \*=Blank or "-TR" or "-xy", F0503XT-1WR3, F0505XT-1WR3, F0509XT-1WR3, F0512XT-1WR3, F0515XT-1WR3, F0524XT-1WR3, PV25-24B12, URB1D24LMD-20WR3, URH2405P-6WR3, URH2412P-6WR3, URH4805P-6WR3, VRB1205JD-6W, VRB1205JMD-6W, VRB1205JMT-6W, VRB1205JT-6W, VRB1212JD-6W, VRB1212JMD-6W, VRB1212JMT-6W, VRB1212JT-6W, VRB1215JD-6W, VRB1215JMD-6W, VRB1215JMT-6W, VRB1215JT-6W, VRB2403JD-6W, VRB2403JMD-6W, VRB2403JMT-6W, VRB2403JT-6W, VRB2405JD-6W, VRB2405JMD-6W, VRB2405JMT-6W, VRB2405JT-6W, VRB2412JD-6W, VRB2412JMD-6W, VRB2412JMT-6W, VRB2412JT-6W, VRB2415JD-6W, VRB2415JMD-6W, VRB2415JMT-6W, VRB2415JT-6W, VRB4812LD-50WR3-HM, WRF2403S-3WR2, WRF2405S-3WR2, WRF2409S-3WR2, WRF2412S-3WR2, WRF2415S-3WR2, WRF2424S-3WR2



**DC-DC Converter**, Model(s): A2424S-1WR3\* (\* can be blank, -TR or -xy(x can be A-Z, y can be 0-9))

**DC-DC Converter**, Model(s): A2424XT-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package. the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B0503S-1WR3\*, B0503LS-1WR3\*, F0503S-1WR3\*, F0503N-1WR3\* \*=Blank or "-TR" or "-xy"

**DC-DC Converter**, Model(s): B0503XT-1WR3, F0503XT-1WR3, B0503XT-1WR3E, F0503XT-1WR3E, B0503XT-1WR3-TR, F0503XT-1WR3-TR

**DC-DC Converter**, Model(s): B0505LS-1WR3L\* xx=03, 05, 09, 12, 15, 24. \*=Blank or "-TR" or "-xy"

**DC-DC Converter**, Model(s): B0505S-1WR3\*, B0505LS-1WR3\*, F0505S-1WR3\*, F0505N-1WR3\* \*=Blank or "-TR" or "-xy"

**DC-DC Converter**, Model(s): B0505S-1WR3L\* xx=03, 05, 09, 12, 15, 24. \*=Blank or "-TR" or "-xy"

**DC-DC Converter**, Model(s): B0505XT-1WR3, B0505XT-1WR3L, F0505XT-1WR3, B0505XT-1WR3LE, B0505XT-1WR3E, F0505XT-1WR3E, B0505XT-1WR3-TR, F0505XT-1WR3-TR

**DC-DC Converter**, Model(s): B0509S-1WR3\*, B0509LS-1WR3\*, F0509S-1WR3\*, F0509N-1WR3\* \*=Blank or "-TR" or "-xy"

**DC-DC Converter**, Model(s): B0509XT-1WR3, F0509XT-1WR3, B0509XT-1WR3E, F0509XT-1WR3E, B0509XT-1WR3-TR, F0509XT-1WR3-TR

**DC-DC Converter**, Model(s): B0512S-1WR3\*, B0512LS-1WR3\*, F0512S-1WR3\*, F0512N-1WR3\* \*=Blank or "-TR" or "-xy"

**DC-DC Converter**, Model(s): B0512XT-1WR3, F0512XT-1WR3, B0512XT-1WR3E, F0512XT-1WR3E, B0512XT-1WR3-TR, F0512XT-1WR3-TR

**DC-DC Converter**, Model(s): B0515S-1WR3\*, B0515LS-1WR3\*, F0515S-1WR3\*, F0515N-1WR3\* \*=Blank or "-TR" or "-xy"

**DC-DC Converter**, Model(s): B0515XT-1WR3, F0515XT-1WR3, B0515XT-1WR3E, F0515XT-1WR3E, B0515XT-1WR3-TR, F0515XT-1WR3-TR

**DC-DC Converter**, Model(s): B0524S-1WR3\*, B0524LS-1WR3\*, F0524S-1WR3\*, F0524N-1WR3\* \*=Blank or "-TR" or "-xy"

**DC-DC Converter**, Model(s): B0524XT-1WR3, F0524XT-1WR3, B0524XT-1WR3E, F0524XT-1WR3E, B0524XT-1WR3-TR, F0524XT-1WR3-TR

**DC-DC Converter**, Model(s): B1203D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B1203S-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B1205D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B1205S-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B1205S-2WR3\*, F1205S-2WR3\* ("\*" means blank or "-TR" or "-xy", "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B1209S-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B1212D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B1212S-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B1212S-2WR3\*, F1212S-2WR3\* ("\*" means blank or "-TR" or "-xy", "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B1215D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B1215S-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B1215S-2WR3\*, F1215S-2WR3\* ("\*" means blank or "-TR" or "-xy", "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B1224D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B1224S-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): B1224S-2WR3\*, F1224S-2WR3\* "\*" means blank or "-TR" or "-xy", "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC Converter**, Model(s): B12xxXT-1WR3\*, B15xxXT-1WR3\*, B24xxXT-1WR3\* (for variables "xx" and "\*", XX=05, 09, 12, 15, 24, Represent the output voltage in volt. e.g. 05=5.0Vdc, 09=9.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc."\*" means blank or "-TR" or "-xy", the "-TR" model represents that the product is packaged as a tap package, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to safety.)

**DC-DC Converter**, Model(s): B2403D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B2405D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B2405S-2WR3\*, F2405S-2WR3\* "\*" means blank or "-TR" or "-xy", "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC Converter**, Model(s): B2412D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B2412S-2WR3\*, F2412S-2WR3\* "\*" means blank or "-TR" or "-xy", "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC Converter**, Model(s): B2415D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B2415S-2WR3\*, F2415S-2WR3\* "\*" means blank or "-TR" or "-xy", "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC Converter**, Model(s): B2424D-1WR3\* (\*=Blank or "-TR" or "-xy") (The "-TR" model represents that the product is packaged as a tap package. The "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.)

**DC-DC Converter**, Model(s): B2424S-2WR3\*, F2424S-2WR3\* "\*" means blank or "-TR" or "-xy", "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC Converter**, Model(s): E1203S-1WR3\* (\* can be blank, -TR or -xy(x can be A-Z, y can be 0-9))

**DC-DC Converter**, Model(s): E1203S-2WR3\* (\* can be blank, -TR or -xy(x can be A-Z, y can be 0-9))

**DC-DC Converter**, Model(s): E1205S-1WR3\* (\* can be blank, -TR or -xy(x can be A-Z, y can be 0-9))

**DC-DC Converter**, Model(s): E1205S-2WR3\* (\* can be blank, -TR or -xy(x can be A-Z, y can be 0-9))

**DC-DC Converter**, Model(s): E1205XT-1WR3\* "\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package. the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC Converter**, Model(s): E1209XT-1WR3\* "\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package. the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC Converter**, Model(s): E1212S-1WR3\* (\* can be blank, -TR or -xy(x can be A-Z, y can be 0-9))

**DC-DC Converter**, Model(s): E1212S-2WR3\* (\* can be blank, -TR or -xy(x can be A-Z, y can be 0-9))

**DC-DC Converter**, Model(s): E1212XT-1WR3\* "\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package. the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.

**DC-DC Converter**, Model(s): E1215S-1WR3\* (\* can be blank, -TR or -xy(x can be A-Z, y can be 0-9))

**DC-DC Converter**, Model(s): E1215S-2WR3\* (\* can be blank, -TR or -xy(x can be A-Z, y can be 0-9))

**DC-DC Converter**, Model(s): E1215XT-1WR3\* "\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package. the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.





**DC-DC Converter**, Model(s): IF1205S-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): IF1212LS-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): IF1212S-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): IF1215LS-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): IF1215S-1WR3\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means anyletter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.)

**DC-DC Converter**, Model(s): IDH301DCAN-RGX\* ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package, the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9.

**DC-DC Converter**, Model(s): URB1DxxLMD-15WHR3\* Where xx=12 or 24. \*=blank or A2S or A4S.

**DC-DC Converter**, Model(s): URB1DxxLMD-15WR3\* Where xx=12 or 24. \*=blank or A2S or A4S.

**DC-DC Converter**, Model(s): URB24xxYMD-15WR3\* xx=03, 05, 12, 15, 24, which represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. "\*" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.

**DC-DC Converter**, Model(s): URB24xxYMD-20WR3\* xx=03, 05, 12, 15, 24, which represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. "\*" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.

**DC-DC Converter**, Model(s): URB48xxYMD-15WR3\* xx=03, 05, 12, 15, 24, which represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. "\*" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.

**DC-DC Converter**, Model(s): URB48xxYMD-20WR3\* xx=03, 05, 12, 15, 24, which represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc. "\*" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.

**DC-DC Converter**, Model(s): URF48xxQB-150WFR3\*\$ The variable "xx" in the series models means output voltage in volts are 05=5.0Vdc, 12=12Vdc, 24=24Vdc, Suffix with "F" in the series models means with heat sink 1, Suffix with "H" in the series models means with heat sink 2, The variable "\*" in the series models can be blank, A5 and A6. If \* is blank, it means standard module. If \* is A5, it means chassis mounting. If \* is A6, it means DIN-Rail mounting. The variable "\$" means blank or -XXX, -XXX stands for 1-3 digits, X=A~Z any letter or 0~9 any number, representing customized model developed for reservation.

**DC-DC Converter**, Model(s): URF48xxQB-150WHR3\*\$ The variable "xx" in the series models means output voltage in volts are 05=5.0Vdc, 12=12Vdc, 24=24Vdc, Suffix with "F" in the series models means with heat sink 1, Suffix with "H" in the series models means with heat sink 2, The variable "\*" in the series models can be blank, A5 and A6. If \* is blank, it means standard module. If \* is A5, it means chassis mounting. If \* is A6, it means DIN-Rail mounting. The variable "\$" means blank or -XXX, -XXX stands for 1-3 digits, X=A~Z any letter or 0~9 any number, representing customized model developed for reservation.

**DC-DC Converter**, Model(s): URF48xxQB-150WR3\*\$ The variable "xx" in the series models means output voltage in volts are 05=5.0Vdc, 12=12Vdc, 24=24Vdc, Suffix with "F" in the series models means with heat sink 1, Suffix with "H" in the series models means with heat sink 2, The variable "\*" in the series models can be blank, A5 and A6. If \* is blank, it means standard module. If \* is A5, it means chassis mounting. If \* is A6, it means DIN-Rail mounting. The variable "\$" means blank or -XXX, -XXX stands for 1-3 digits, X=A~Z any letter or 0~9 any number, representing customized model developed for reservation.

**DC-DC Converter**, Model(s): URF48xxQB-200WFR3\*\$ The variable "xx" in the series models means output voltage in volts are 05=5.0Vdc, 12=12Vdc, 24=24Vdc, Suffix with "F" in the series models means with heat sink 1, Suffix with "H" in the series models means with heat sink 2, The variable "\*" in the series models can be blank, A5 and A6. If \* is blank, it means standard module. If \* is A5, it means chassis mounting. If \* is A6, it means DIN-Rail mounting. The variable "\$" means blank or -XXX, -XXX stands for 1-3 digits, X=A~Z any letter or 0~9 any number, representing customized model developed for reservation.

**DC-DC Converter**, Model(s): URF48xxQB-200WHR3\*\$ The variable "xx" in the series models means output voltage in volts are 05=5.0Vdc, 12=12Vdc, 24=24Vdc, Suffix with "F" in the series models means with heat sink 1, Suffix with "H" in the series models means with heat sink 2, The variable "\*" in the series models can be blank, A5 and A6. If \* is blank, it means standard module. If \* is A5, it means chassis mounting. If \* is A6, it means DIN-Rail mounting. The variable "\$" means blank or -XXX, -XXX stands for 1-3 digits, X=A~Z any letter or 0~9 any number, representing customized model developed for reservation.

**DC-DC Converter**, Model(s): URF48xxQB-200WR3\*\$ The variable "xx" in the series models means output voltage in volts are 05=5.0Vdc, 12=12Vdc, 24=24Vdc, Suffix with "F" in the series models means with heat sink 1, Suffix with "H" in the series models means with heat sink 2, The variable "\*" in the series models can be blank, A5 and A6. If \* is blank, it means standard module. If \* is A5, it means chassis mounting. If \* is A6, it means DIN-Rail

mounting. The variable "\$" means blank or -XXX, -XXX stands for 1-3 digits, X=A~Z any letter or 0~9 any number, representing customized model developed for reservation.

**Power Supply**, Model(s): LHE25-20Bxx where xx = 03, 05, 09, 12, 15, 24, 48

**Power Supply**, Model(s): LHE25-20BxxA2 where xx = 03, 05, 09, 12, 15, 24, 48

**Power Supply**, Model(s): LHE25-20BxxA4 where xx = 03, 05, 09, 12, 15, 24, 48

Last Updated on 2022-03-17

---

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"