

EU DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

Product Type:AC-DC Converter

Model Number:Seemodellist

Product Description: Seemodellist

Complies with the essential protection requirements of the Low Voltage Directive (Directive 2014/35/EU), Electromagnetic Compatibility (Directive 2014/30/EU), Restriction of the Certain Hazardous Substances in electrical and electronic equipment (Directive 2011/65/EU) and their amendments (ROHS Directive (EU)2015/863).

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

Assessment of compliance of the product with the requirements relating to Directive 2014/35/EU, Directive 2014/30/EU and Directive 2011/65/EU was performed by Mornsun based on the following standards:

EN IEC 62368-1:2020+A11:2020
IEC 62368-1:2018
EN 55032:2015+A11:2020
EN 55035:2017+A11:2020
EN 61000-3-2:2013+A1:2019+A2:2021
EN 61000-3-3:2013+A1:2019+A2:2021
EN IEC 63000:2018

An additional delta evaluation of the above-listed equipment concerning the differences between the requirements of the harmonized standard EN 62368-1:2014 (with all applicable corrections) and EN IEC 62368-1:2020, and IEC 62368-1:2018 has been performed and concludes that the safety objectives of the low-voltage targets (2014/35/EU) are met.

This declaration is the responsibility of the manufacturer:

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.

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

Authorised person signing for the company:

Naiqing Xie Regulation Compliance Manager Of MORNSUN

Name in block letters & position in the company

Guangzhou, 10th Nov. 2023

Place & date

Naiqing Xie

Legally valid signature

Model list:

Table A: Definition of Variables

Variables	Range of variable	Content
xx	12, 15, 24, 36, 48, 54	2 digits number, means output voltage; eg. 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 36=36.0Vdc, 48 =48.0Vdc, 54=54.0Vdc.
YYY	114-567	3 digits, indicate output voltage from 11.4Vdc to 56.7Vdc in step of 0.1Vdc, eg. 114=11.4Vdc, 567=56.7Vdc.
XXX	A-Z any letter	represents non-security-related changes.

Table B: Model list

Model	Input	Rated output voltage (Vdc)	Rated output current (A)	Max. rated output power (W)	Transformer
LM150-23BxxR2, LM150-23BxxR2-C, LM150-23BxxR2-Q, LM150-23BxxR2-J, LM150-23BxxR2-QQ, LM150-23BxxR2-CQ, LM150-23BxxR2-CQQ, LM150-23BxxR2-XXX, LM150-23BxxR2-C-XX X, LM150-23BxxR2-Q-XX X, LM150-23BxxR2-J-XXX	100-277 V~, 4.0A, 50/60Hz	12V	12.5	150.0	51503024(A0-A10)
		15.0	10.0	150.0	51503024(A0-A10)
		24.0	6.5	156.0	51500991(A0-A10)
		36.0	4.3	154.8	51503236(A0-A10)
		48.0	3.3	158.4	51503025(A0-A10)
		54.0	2.8	151.2	51503025(A0-A10)
LM150-23BxxR2-J-CQ, LM150-23BxxR2-J-CQ Q, LM150-23BxxR2-J-C-XX X, LM150-23BxxR2-J-Q-XX X, LM150-23BxxR2-J-QQ-XXX, LM150-23BxxR2-J-CQ-XXX, LM150-23BxxR2-J-CQ Q-XXX					

LM150-23BYYYYR2, LM150-23BYYYYR2-C, LM150-23BYYYYR2-Q, LM150-23BYYYYR2-J, LM150-23BYYYYR2-CQ, LM150-23BYYYYR2-QQ, LM150-23BYYYYR2-CQ Q, LM150-23BYYYYR2-XX X, LM150-23BYYYYR2-C-X XX, LM150-23BYYYYR2-Q-X XX, LM150-23BYYYYR2-J-X XX, LM150-23BYYYYR2-QQ- XXX, LM150-23BYYYYR2-CQ- XXX, LM150-23BYYYYR2-CQ Q-XXX, LM150-23BYYYYR2-J-C, LM150-23BYYYYR2-J-Q, LM150-23BYYYYR2-J-Q Q, LM150-23BYYYYR2-J-C Q, LM150-23BYYYYR2-J-C QQ, LM150-23BYYYYR2-J-C- XXX, LM150-23BYYYYR2-J-Q -XXX, LM150-23BYYYYR2-J-Q Q-XXX, LM150-23BYYYYR2-J-C Q-XXX, LM150-23BYYYYR2-J-C QQ-XXX	11.4-13.4	0-12.5	150.0	51503024(A 0~A10)
	14.3-17.3	0-10.0	150.0	51503024(A 0~A10)
	22.8-27.6	0-6.5	156.0	51500991(A 0~A10)
	34.2-41.4	0-4.3	154.8	51503236(A 0~A10)
	43.2-52.8	0-3.3	158.4	51503025(A 0~A10)
	48.6-56.7	0-2.8	151.2	51503025(A 0~A10)

Note:

Expanded models (models with -C, -Q, -QQ, -CQ, -CQQ, -J suffix) and standard models (Models without suffix) are identical in electrical, mechanical, physical construction, transformer, the voltage and current of output rating.

Expanded models With terminal cover add the suffix -C.

Expanded models With one side Anti-corrosion paint add the suffix -Q.

Expanded models With two side Anti-corrosion paint add the suffix -QQ.

Expanded models With terminal cover and one side Anti-corrosion paint add the suffix -CQ.

Expanded models With terminal cover and two side Anti-corrosion paint add the suffix -CQQ.

Expanded models With positioning hold compatibility add the suffix -J.