



Product Service

CERTIFICATE

No. B 110609 0005 Rev. 00

Holder of Certificate: **Mornsun Guangzhou Science & Technology Co., Ltd.**

No. 8, Nanyun Road 4
Huangpu District
510670 Guangzhou, Guangdong
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **AC-DC and DC-DC converters
(AC-DC converter)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64210210090001

Valid until: 2026-05-24

Date, 2021-05-25

(Richard Zhu)



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Model(s): LMF200-20B series, LMF200-23B series

Brand Name: MORNSUN



Parameters:

Rated Input: See below table for details
Rated Output: See below table for details
Protection Class: I
Degree of Protection: IPX0

Remark:

- The products are built-in type equipment, suitable enclosure should be provided by end system.

Tested according to: EN 62368-1:2014/A11:2017

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Model	Output voltage (V)	Output current (A)	Max. output power (W)	Rated input
LMF200-20B12 LMF200-20B12-C LMF200-20B12-Q LMF200-20B12-CQ LMF200-20B12-x LMF200-20B12-C-x LMF200-20B12-Q-x LMF200-20B12-CQ-x LMF200-20B12-xx LMF200-20B12-C-xx LMF200-20B12-Q-xx LMF200-20B12-CQ-xx LMF200-20B12-xxx LMF200-20B12-C-xxx LMF200-20B12-Q-xxx LMF200-20B12-CQ-xxx	12	16.7	200.4	100-240VAC, 3.0A, 50/60Hz
LMF200-23B12 LMF200-23B12-C LMF200-23B12-Q LMF200-23B12-CQ LMF200-23B12-x LMF200-23B12-C-x LMF200-23B12-Q-x LMF200-23B12-CQ-x LMF200-23B12-xx LMF200-23B12-C-xx LMF200-23B12-Q-xx LMF200-23B12-CQ-xx LMF200-23B12-xxx LMF200-23B12-C-xxx LMF200-23B12-Q-xxx LMF200-23B12-CQ-xxx	12	16.7	200.4	100-277VAC, 3.0A, 50/60Hz
LMF200-20B15 LMF200-20B15-C LMF200-20B15-Q LMF200-20B15-CQ LMF200-20B15-x LMF200-20B15-C-x LMF200-20B15-Q-x LMF200-20B15-CQ-x LMF200-20B15-xx LMF200-20B15-C-xx LMF200-20B15-Q-xx LMF200-20B15-CQ-xx LMF200-20B15-xxx LMF200-20B15-C-xxx LMF200-20B15-Q-xxx LMF200-20B15-CQ-xxx	15	13.4	201.0	100-240VAC, 3.0A, 50/60Hz
LMF200-23B15 LMF200-23B15-C LMF200-23B15-Q LMF200-23B15-CQ LMF200-23B15-x LMF200-23B15-C-x LMF200-23B15-Q-x LMF200-23B15-CQ-x LMF200-23B15-xx LMF200-23B15-C-xx LMF200-23B15-Q-xx LMF200-23B15-CQ-xx LMF200-23B15-xxx LMF200-23B15-C-xxx LMF200-23B15-Q-xxx LMF200-23B15-CQ-xxx	15	13.4	201.0	100-277VAC, 3.0A, 50/60Hz

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LMF200-20B24 LMF200-20B24-C LMF200-20B24-Q LMF200-20B24-CQ LMF200-20B24-x LMF200-20B24-C-x LMF200-20B24-Q-x LMF200-20B24-CQ-x LMF200-20B24-xx LMF200-20B24-C-xx LMF200-20B24-Q-xx LMF200-20B24-CQ-xx LMF200-20B24-xxx LMF200-20B24-C-xxx LMF200-20B24-Q-xxx LMF200-20B24-CQ-xxx	24	8.4	201.6	100-240VAC, 3.0A, 50/60Hz
LMF200-23B24 LMF200-23B24-C LMF200-23B24-Q LMF200-23B24-CQ LMF200-23B24-x LMF200-23B24-C-x LMF200-23B24-Q-x LMF200-23B24-CQ-x LMF200-23B24-xx LMF200-23B24-C-xx LMF200-23B24-Q-xx LMF200-23B24-CQ-xx LMF200-23B24-xxx LMF200-23B24-C-xxx LMF200-23B24-Q-xxx LMF200-23B24-CQ-xxx	24	8.4	201.6	100-277VAC, 3.0A, 50/60Hz
LMF200-20B48 LMF200-20B48-C LMF200-20B48-Q LMF200-20B48-CQ LMF200-20B48-x LMF200-20B48-C-x LMF200-20B48-Q-x LMF200-20B48-CQ-x LMF200-20B48-xx LMF200-20B48-C-xx LMF200-20B48-Q-xx LMF200-20B48-CQ-xx LMF200-20B48-xxx LMF200-20B48-C-xxx LMF200-20B48-Q-xxx LMF200-20B48-CQ-xxx	48	4.2	201.6	100-240VAC, 3.0A, 50/60Hz
LMF200-23B48 LMF200-23B48-C LMF200-23B48-Q LMF200-23B48-CQ LMF200-23B48-x LMF200-23B48-C-x LMF200-23B48-Q-x LMF200-23B48-CQ-x LMF200-23B48-xx LMF200-23B48-C-xx LMF200-23B48-Q-xx LMF200-23B48-CQ-xx LMF200-23B48-xxx LMF200-23B48-C-xxx LMF200-23B48-Q-xxx LMF200-23B48-CQ-xxx	48	4.2	201.6	100-277VAC, 3.0A, 50/60Hz
Remark: x=0-9, A-Z stands for different marketing purpose.				