



Product Service

CERTIFICATE

No. B 110609 0007 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: **Converter
(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.: 64210210090201

Valid until: 2026-05-23

Date, 2021-05-25

(Richard Zhu)



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Model(s): LM150-20B series, LM150-22B series,
LM150-23B series

Brand Name: MORNSUN

MORNSUN®

Parameters:

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

Remarks:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- It's built-in type equipment, suitable enclosure should be provided in end system.

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

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Model number	Rated input	Rated output voltage (VDC)	Rated output current (A)	Rated max. output power (W)
LM150-20B12 LM150-20B12-C LM150-20B12-Q LM150-20B12-CQ LM150-20B12-xxx LM150-20B12-C-xxx LM150-20B12-Q-xxx LM150-20B12-CQ-xxx	100-240VAC, 4.0A, 50/60Hz	12.0	12.5	150.0
LM150-22B12 LM150-22B12-C LM150-22B12-Q LM150-22B12-CQ LM150-22B12-xxx LM150-22B12-C-xxx LM150-22B12-Q-xxx LM150-22B12-CQ-xxx	185-240VAC, 2.2A, 50/60Hz			
LM150-23B12 LM150-23B12-C LM150-23B12-Q LM150-23B12-CQ LM150-23B12-xxx LM150-23B12-C-xxx LM150-23B12-Q-xxx LM150-23B12-CQ-xxx	100-277VAC, 4.0A, 50/60Hz			
LM150-20B15 LM150-20B15-C LM150-20B15-Q LM150-20B15-CQ LM150-20B15-xxx LM150-20B15-C-xxx LM150-20B15-Q-xxx LM150-20B15-CQ-xxx	100-240VAC, 4.0A, 50/60Hz	15.0	10.0	150.0
LM150-22B15 LM150-22B15-C LM150-22B15-Q LM150-22B15-CQ LM150-22B15-xxx LM150-22B15-C-xxx LM150-22B15-Q-xxx LM150-22B15-CQ-xxx	185-240VAC, 2.2A, 50/60Hz			
LM150-23B15 LM150-23B15-C LM150-23B15-Q LM150-23B15-CQ LM150-23B15-xxx LM150-23B15-C-xxx LM150-23B15-Q-xxx LM150-23B15-CQ-xxx	100-277VAC, 4.0A, 50/60Hz			
LM150-20B24 LM150-20B24-C LM150-20B24-Q	100-240VAC, 4.0A, 50/60Hz	24.0	6.5	156.0

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LM150-20B24-CQ LM150-20B24-xxx LM150-20B24-C-xxx LM150-20B24-Q-xxx LM150-20B24-CQ-xxx				
LM150-22B24 LM150-22B24-C LM150-22B24-Q LM150-22B24-CQ LM150-22B24-xxx LM150-22B24-C-xxx LM150-22B24-Q-xxx LM150-22B24-CQ-xxx	185-240VAC, 2.2A, 50/60Hz			
LM150-23B24 LM150-23B24-C LM150-23B24-Q LM150-23B24-CQ LM150-23B24-xxx LM150-23B24-C-xxx LM150-23B24-Q-xxx LM150-23B24-CQ-xxx	100-277VAC, 4.0A, 50/60Hz			
LM150-20B36 LM150-20B36-C LM150-20B36-Q LM150-20B36-CQ LM150-20B36-xxx LM150-20B36-C-xxx LM150-20B36-Q-xxx LM150-20B36-CQ-xxx	100-240VAC, 4.0A, 50/60Hz	36.0	4.3	154.8
LM150-22B36 LM150-22B36-C LM150-22B36-Q LM150-22B36-CQ LM150-22B36-xxx LM150-22B36-C-xxx LM150-22B36-Q-xxx LM150-22B36-CQ-xxx	185-240VAC, 2.2A, 50/60Hz			
LM150-23B36 LM150-23B36-C LM150-23B36-Q LM150-23B36-CQ LM150-23B36-xxx LM150-23B36-C-xxx LM150-23B36-Q-xxx LM150-23B36-CQ-xxx	100-277VAC, 4.0A, 50/60Hz			
LM150-20B48 LM150-20B48-C LM150-20B48-Q LM150-20B48-CQ LM150-20B48-xxx LM150-20B48-C-xxx LM150-20B48-Q-xxx LM150-20B48-CQ-xxx	100-240VAC, 4.0A, 50/60Hz	48.0	3.3	158.4



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LM150-22B48 LM150-22B48-C LM150-22B48-Q LM150-22B48-CQ LM150-22B48-xxx LM150-22B48-C-xxx LM150-22B48-Q-xxx LM150-22B48-CQ-xxx	185-240VAC, 2.2A, 50/60Hz			
LM150-23B48 LM150-23B48-C LM150-23B48-Q LM150-23B48-CQ LM150-23B48-xxx LM150-23B48-C-xxx LM150-23B48-Q-xxx LM150-23B48-CQ-xxx	100-277VAC, 4.0A, 50/60Hz			

Remark:
xxx is 1-3 digits, x=0-9, A-Z, stands for different customer code for marketing purposes.