



Product Service

# CERTIFICATE

No. B 110609 0009 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64210210090101

**Valid until:** 2026-06-01

**Date,** 2021-06-04

( Richard Zhu )



# CERTIFICATE

No. B 110609 0009 Rev. 00

**Model(s):** LMF150-20B series, LMF150-23B 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

# CERTIFICATE

No. B 110609 0009 Rev. 00

Model	Output voltage (V)	Output current range (A)	Max. output power (W)	Rated input
LMF150-20B12 LMF150-20B12-C LMF150-20B12-Q LMF150-20B12-CQ LMF150-20B12-x LMF150-20B12-C-x LMF150-20B12-Q-x LMF150-20B12-CQ-x LMF150-20B12-xx LMF150-20B12-C-xx LMF150-20B12-Q-xx LMF150-20B12-CQ-xx LMF150-20B12-xxx LMF150-20B12-C-xxx LMF150-20B12-Q-xxx LMF150-20B12-CQ-xxx	12	12.5	150.0	100-240VAC, 2.5A, 50/60Hz
LMF150-23B12 LMF150-23B12-C LMF150-23B12-Q LMF150-23B12-CQ LMF150-23B12-x LMF150-23B12-C-x LMF150-23B12-Q-x LMF150-23B12-CQ-x LMF150-23B12-xx LMF150-23B12-C-xx LMF150-23B12-Q-xx LMF150-23B12-CQ-xx LMF150-23B12-xxx LMF150-23B12-C-xxx LMF150-23B12-Q-xxx LMF150-23B12-CQ-xxx	12	12.5	150.0	100-277VAC, 2.5A, 50/60Hz
LMF150-20B15 LMF150-20B15-C LMF150-20B15-Q LMF150-20B15-CQ LMF150-20B15-x LMF150-20B15-C-x LMF150-20B15-Q-x LMF150-20B15-CQ-x LMF150-20B15-xx LMF150-20B15-C-xx LMF150-20B15-Q-xx LMF150-20B15-CQ-xx LMF150-20B15-xxx LMF150-20B15-C-xxx LMF150-20B15-Q-xxx LMF150-20B15-CQ-xxx	15	10.0	150.0	100-240VAC, 2.5A, 50/60Hz

# CERTIFICATE

No. B 110609 0009 Rev. 00

LMF150-23B15 LMF150-23B15-C LMF150-23B15-Q LMF150-23B15-CQ LMF150-23B15-x LMF150-23B15-C-x LMF150-23B15-Q-x LMF150-23B15-CQ-x LMF150-23B15-xx LMF150-23B15-C-xx LMF150-23B15-Q-xx LMF150-23B15-CQ-xx LMF150-23B15-xxx LMF150-23B15-C-xxx LMF150-23B15-Q-xxx LMF150-23B15-CQ-xxx	15	10.0	150.0	100-277VAC, 2.5A, 50/60Hz
LMF150-20B24 LMF150-20B24-C LMF150-20B24-Q LMF150-20B24-CQ LMF150-20B24-x LMF150-20B24-C-x LMF150-20B24-Q-x LMF150-20B24-CQ-x LMF150-20B24-xx LMF150-20B24-C-xx LMF150-20B24-Q-xx LMF150-20B24-CQ-xx LMF150-20B24-xxx LMF150-20B24-C-xxx LMF150-20B24-Q-xxx LMF150-20B24-CQ-xxx	24	6.3	151.2	100-240VAC, 2.5A, 50/60Hz
LMF150-23B24 LMF150-23B24-C LMF150-23B24-Q LMF150-23B24-CQ LMF150-23B24-x LMF150-23B24-C-x LMF150-23B24-Q-x LMF150-23B24-CQ-x LMF150-23B24-xx LMF150-23B24-C-xx LMF150-23B24-Q-xx LMF150-23B24-CQ-xx LMF150-23B24-xxx LMF150-23B24-C-xxx LMF150-23B24-Q-xxx LMF150-23B24-CQ-xxx	24	6.3	151.2	100-277VAC, 2.5A, 50/60Hz



# CERTIFICATE

No. B 110609 0009 Rev. 00

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFIKAT ◆ CERTIFICATE ◆

LMF150-20B48 LMF150-20B48-C LMF150-20B48-Q LMF150-20B48-CQ LMF150-20B48-x LMF150-20B48-C-x LMF150-20B48-Q-x LMF150-20B48-CQ-x LMF150-20B48-xx LMF150-20B48-C-xx LMF150-20B48-Q-xx LMF150-20B48-CQ-xx LMF150-20B48-xxx LMF150-20B48-C-xxx LMF150-20B48-Q-xxx LMF150-20B48-CQ-xxx	48	3.2	153.6	100-240VAC, 2.5A, 50/60Hz
LMF150-23B48 LMF150-23B48-C LMF150-23B48-Q LMF150-23B48-CQ LMF150-23B48-x LMF150-23B48-C-x LMF150-23B48-Q-x LMF150-23B48-CQ-x LMF150-23B48-xx LMF150-23B48-C-xx LMF150-23B48-Q-xx LMF150-23B48-CQ-xx LMF150-23B48-xxx LMF150-23B48-C-xxx LMF150-23B48-Q-xxx LMF150-23B48-CQ-xxx	48	3.2	153.6	100-277VAC, 2.5A, 50/60Hz
Remark: x=0-9, A-Z stands for different marketing purpose.				