

## EU DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

Product Type: AC-DC Converter

Model No: See attachment for model details

**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 62368-1:2017  
EN 55032:2015  
EN 55035:2017  
EN 61000-3-2:2014  
EN 61000-3-3:2013  
IEC 62321:2008

This declaration is the responsibility of the manufacturer:

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.

No.8, Nanyun Road 4, Huangpu District, Guangzhou GUANGZHOU, 510663

Authorised person signing for the company:

Naiqing Xie Regulation Compliance Manager Of MORNSUN

*Name in block letters & position in the company*

Guangzhou, 16<sup>th</sup> Nov. 2020

*Place & date*

*Legally valid signature*

Model No:

LMF200-23BXX, LMF200-23BXX-C, LMF200-23BXX-Q, LMF200-23BXX-xxx, LMF200-23BXX-C-xxx, LMF200-23BXX-Q-xxx, LMF200-23BYYY, LMF200-23BYYY-C, LMF200-23BYYY-Q, LMF200-23BYYY-XXX, LMF200-23BYYY-C-xxx, LMF200-23BYYY-Q-xxx, LMF200-20BXX, LMF200-20BXX-C, LMF200-20BXX-Q, LMF200-20BXX-xxx, LMF200-20BXX-C-xxx, LMF200-20BXX-Q-xxx, LMF200-20BYYY, LMF200-20BYYY-C, LMF200-20BYYY-Q, LMF200-20BYYY-xxx, LMF200-20BYYY-C-xxx, 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.)

Table I

| Part number  | Input Voltage             | Output voltage (Vdc) | Max. Output current (A) | Max. Output power (W) | Transformer type |
|--|---------------------------|----------------------|-------------------------|-----------------------|------------------|
| LMF200-23B12<br>LMF200-23B12-C<br>LMF200-23B12-Q<br>LMF200-23B12-XXX<br>LMF200-23B12-C-XXX<br>LMF200-23B12-Q-XXX | 100-277V~<br>3.0A 50/60Hz | 11.4-12.6            | 16.7                    | 200.4                 | 51500640         |
| LMF200-20B12<br>LMF200-20B12-C<br>LMF200-20B12-Q<br>LMF200-20B12-XXX<br>LMF200-20B12-C-XXX<br>LMF200-20B12-Q-XXX | 100-240V~<br>3.0A 50/60Hz |                      |                         |                       |                  |
| LMF200-23B15<br>LMF200-23B15-C<br>LMF200-23B15-Q<br>LMF200-23B15-XXX<br>LMF200-23B15-C-XXX<br>LMF200-23B15-Q-XXX | 100-277V~<br>3.0A 50/60Hz | 14.25-15.75          | 13.4                    | 201.0                 | 51500641         |
| LMF200-20B15<br>LMF200-20B15-C<br>LMF200-20B15-Q<br>LMF200-20B15-XXX<br>LMF200-20B15-C-XXX<br>LMF200-20B15-Q-XXX | 100-240V~<br>3.0A 50/60Hz |                      |                         |                       |                  |
| LMF200-23B24<br>LMF200-23B24-C<br>LMF200-23B24-Q<br>LMF200-23B24-XXX<br>LMF200-23B24-C-XXX<br>LMF200-23B24-Q-XXX | 100-277V~<br>3.0A 50/60Hz | 22.8-25.2            | 8.4                     | 201.6                 | 51500642         |

|  |                           |           |     |       |          |
|--|---------------------------|-----------|-----|-------|----------|
| LMF200-20B24<br>LMF200-20B24-C<br>LMF200-20B24-Q<br>LMF200-20B24-XXX<br>LMF200-20B24-C-XXX<br>LMF200-20B24-Q-XXX   | 100-240V~<br>3.0A 50/60Hz | 22.8-25.2 | 8.4 | 201.6 | 51500642 |
| LMF200-23B36<br>LMF200-23B36-C<br>LMF200-23B36-Q<br>LMF200-23B36-CQ<br>LMF200-23B36-XXX<br>LMF200-23B36-C-XXX<br>LMF200-23B36-Q-XXX<br>LMF200-23B36-CQ-XXX | 100-277V~<br>3.0A 50/60Hz | 36.0      | 5.6 | 201.6 | 51503145 |
| LMF200-20B36<br>LMF200-20B36-C<br>LMF200-20B36-Q<br>LMF200-20B36-CQ<br>LMF200-20B36-XXX<br>LMF200-20B36-C-XXX<br>LMF200-20B36-Q-XXX<br>LMF200-20B36-CQ-XXX | 100-240V~<br>3.0A 50/60Hz | 36.0      | 5.6 | 201.6 | 51503145 |
| LMF200-23B48<br>LMF200-23B48-C<br>LMF200-23B48-Q<br>LMF200-23B48-XXX<br>LMF200-23B48-C-XXX<br>LMF200-23B48-Q-XXX   | 100-277V~<br>3.0A 50/60Hz | 45.6-50.4 | 4.2 | 201.6 | 51500643 |
| LMF200-20B48<br>LMF200-20B48-C<br>LMF200-20B48-Q<br>LMF200-20B48-XXX<br>LMF200-20B48-C-XXX<br>LMF200-20B48-Q-XXX   | 100-240V~<br>3.0A 50/60Hz | 45.6-50.4 | 4.2 | 201.6 | 51500643 |