

# Certificate of Conformity

**NO.: ED210429083E**

The device bearing the trade name and model specified above has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified. (refer to Test Report if any modifications were made for compliance).

Applicant : Mornsun Guangzhou Science & Technology Co Ltd.

Address : No.8, Nanyun Road 4, Huangpu District, Guangzhou,  
Guangdong, 510670, P.R.China

Manufacturer : Mornsun Guangzhou Science & Technology Co Ltd.

Address : No.8, Nanyun Road 4, Huangpu District, Guangzhou,  
Guangdong, 510670, P.R.China

Trade Mark : **MORNSUN®**

EUT : AC-DC Converter

M/N : See the attach model list for detail.

Test Standards : EN 55011: 2016+A1: 2017  
EN 60601-1-2:2015+A1:2019  
EN IEC 61000-3-2:2019  
EN 61000-3-3:2013/A1:2019

Version : Ver.1.0



(Manager)

May 10, 2021

The certificate is based on a single evaluation of one sample of above-mentioned products, It does not imply an assessment of the whole production and does not permit the use of the test lab. logo .

EMTEK (Dongguan) Co., Ltd.

Add: -1&2/F., Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China [Http://www.emtek.com.cn](http://www.emtek.com.cn) E-mail: [project@emtek.com.cn](mailto:project@emtek.com.cn)



| Model List  |                     |                        |              |                     |              |                      |
|---|---------------------|------------------------|--------------|---------------------|--------------|----------------------|
| Model name  | Output voltage(Vdc) | Output current (A Max) |              | Output power(W Max) |              | Transformer model    |
|   |                     | 25CFM:                 | Air cooling: | 25CFM:              | Air cooling: |                      |
| LOF550-20B12,<br>LOF550-20B12-C,<br>LOF550-20B12-CF,<br>LOF550-20B12-ZZZ,<br>LOF550-20B12-C-ZZZ,<br>LOF550-20B12-CF-ZZZ | 12                  | 41.6                   | 26.7         | 499.2               | 320.4        | 51500732<br>(A0~A10) |
| LOF450-20B12,<br>LOF450-20B12-C,<br>LOF450-20B12-CF,<br>LOF450-20B12-ZZZ,<br>LOF450-20B12-C-ZZZ,<br>LOF450-20B12-CF-ZZZ | 12                  | 33.3                   | 20.8         | 399.6               | 250          |                      |
| LOF550-20B15,<br>LOF550-20B15-C,<br>LOF550-20B15-CF,<br>LOF550-20B15-ZZZ,<br>LOF550-20B15-C-ZZZ,<br>LOF550-20B15-CF-ZZZ | 15                  | 33.3                   | 21.3         | 499.5               | 319.5        | 51500683<br>(A0~A10) |
| LOF450-20B15,<br>LOF450-20B15-C,<br>LOF450-20B15-CF,<br>LOF450-20B15-ZZZ,<br>LOF450-20B15-C-ZZZ,<br>LOF450-20B15-CF-ZZZ | 15                  | 26.7                   | 16.7         | 400.5               | 250          |                      |
| LOF550-20B24,<br>LOF550-20B24-C,<br>LOF550-20B24-CF,<br>LOF550-20B24-ZZZ,<br>LOF550-20B24-C-ZZZ,<br>LOF550-20B24-CF-ZZZ | 24                  | 22.9                   | 13.4         | 549.6               | 321.6        | 51500688<br>(A0~A10) |

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|   |    |       |      |       |       |                      |
|---|----|-------|------|-------|-------|----------------------|
| LOF450-20B24,<br>LOF450-20B24-C,<br>LOF450-20B24-CF,<br>LOF450-20B24-ZZZ,<br>LOF450-20B24-C-ZZZ,<br>LOF450-20B24-CF-ZZZ | 24 | 18.8  | 10.5 | 450   | 250   |                      |
| LOF350-20B24-GM,<br>LOF350-20B24-GM-ZZZ   | 24 | 14.6  | 8.33 | 350.4 | 199.9 |                      |
| LOF550-20B27,<br>LOF550-20B27-C,<br>LOF550-20B27-CF,<br>LOF550-20B27-ZZZ,<br>LOF550-20B27-C-ZZZ,<br>LOF550-20B27-CF-ZZZ | 27 | 20.4  | 11.9 | 550.8 | 321.3 | 51500834<br>(A0~A10) |
| LOF450-20B27,<br>LOF450-20B27-C,<br>LOF450-20B27-CF,<br>LOF450-20B27-ZZZ,<br>LOF450-20B27-C-ZZZ,<br>LOF450-20B27-CF-ZZZ | 27 | 16.7  | 9.3  | 450   | 250   |                      |
| LOF550-20B36,<br>LOF550-20B36-C,<br>LOF550-20B36-CF,<br>LOF550-20B36-ZZZ,<br>LOF550-20B36-C-ZZZ,<br>LOF550-20B36-CF-ZZZ | 36 | 15.3  | 8.9  | 550.8 | 320.4 | 51503002<br>(A0~A10) |
| LOF450-20B36,<br>LOF450-20B36-C,<br>LOF450-20B36-CF,<br>LOF450-20B36-ZZZ,<br>LOF450-20B36-C-ZZZ,<br>LOF450-20B36-CF-ZZZ | 36 | 12.5  | 6.95 | 450.9 | 250   |                      |
| LOF550-20B48,<br>LOF550-20B48-C,<br>LOF550-20B48-CF,<br>LOF550-20B48-ZZZ,<br>LOF550-20B48-C-ZZZ,<br>LOF550-20B48-CF-ZZZ | 48 | 11.46 | 6.7  | 550   | 321.6 | 51500689<br>(A0~A10) |

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|   |    |     |     |       |     |  |
|---|----|-----|-----|-------|-----|--|
| LOF450-20B48,<br>LOF450-20B48-C,<br>LOF450-20B48-CF,<br>LOF450-20B48-ZZZ,<br>LOF450-20B48-C-ZZZ,<br>LOF450-20B48-CF-ZZZ | 48 | 9.4 | 5.3 | 451.2 | 250 |  |
|---|----|-----|-----|-------|-----|--|

**Remark:**

1. Series models with Suffix “xx” represents output voltage in volts are 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 27=27.0Vdc, 36=36.0Vdc, 48=48.0Vdc; Where “C” represents product with mi enclosure, without “C” means open frame (standard model); Suffix “CF” stand for metal enclosure + Fan cooling structure “-zzz” can be single to three digits with variable charactel from A to Z or 0 to 9 are used to distinguish between different customers codes or leave asblank.
2. The step of the output current is 0.001A.
3. Transformer 51500732 (A0~A10) are the same except of model name designed.

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