

Certificate of Conformity

NO.: EDG2207280150E00401C

The following products have been tested by us with the listed standards and found in conformity with the council EMC directive 2014/30/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow. This certificate does not imply assessment to the production of the product.

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.

EUT : AC-DC Converter

M/N : See the page 2 to 5

Trade Mark : 

Test Standards : EN 55032:2015+A1:2020
EN IEC 61000-3-2: 2019+A1:2021
EN 61000-3-3:2013+A2:2021
EN 55035:2017+A11:2020

Version : Ver.1.0



Sam Lv(Manager)

September 13, 2022

Page 1 of 5

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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



Part number	Output voltage (V)	Output current (A,MAX)	Output power (W,MAX)	Transformer type
LOF450-20B12 LOF450-20B12-C LOF450-20B12-CF LOF450-20B12-ZZZ LOF450-20B12-C-ZZZ LOF450-20B12-CF-ZZZ	12	Air cooling: 20.80 25CFM: 33.30	Air cooling: 249.6 25CFM: 399.6	51500723 (A/O-A/9, B/O-B/9)
LOF550-20B12 LOF550-20B12-C LOF550-20B12-CF LOF550-20B12-ZZZ LOF550-20B12-C-ZZZ LOF550-20B12-CF-ZZZ	12	Air cooling: 26.70 (for LOF550-20B12, LOF550-20B12-ZZZ) Air cooling: 25.80 (for LOF550-20B12-C, LOF550-20B12-C-ZZZ) 25CFM: 41.60	Air cooling: 320.4 (for LOF550-20B12, LOF550-20B12-ZZZ) Air cooling: 309.6 (for LOF550-20B12-C, LOF550-20B12-C-ZZZ) 25CFM: 499.2	
LOF450-20B15 LOF450-20B15-C LOF450-20B15-CF LOF450-20B15-ZZZ LOF450-20B15-C-ZZZ LOF450-20B15-CF-ZZZ	15	Air cooling: 16.70 25CFM: 26.70	Air cooling: 250.5 25CFM: 400.5	51500683 (A/O-A/9, B/O-B/9)
LOF550-20B15 LOF550-20B15-C LOF550-20B15-CF LOF550-20B15-ZZZ LOF550-20B15-C-ZZZ LOF550-20B15-CF-ZZZ	15	Air cooling: 21.30 (for LOF550-20B15, LOF550-20B15-ZZZ) Air cooling: 20.70 (for LOF550-20B15-C, LOF550-20B15-C-ZZZ) 25CFM: 33.30	Air cooling: 319.5 (for LOF550-20B15, LOF550-20B15-ZZZ) Air cooling: 310.5 (for LOF550-20B15-C, LOF550-20B15-C-ZZZ) 25CFM: 499.5	
LOF450-20B24 LOF450-20B24-C LOF450-20B24-CF LOF450-20B24-ZZZ LOF450-20B24-C-ZZZ LOF450-20B24-CF-ZZZ	24	Air cooling: 10.50 25CFM: 18.75	Air cooling: 252.0 25CFM: 450.0	51500688 (A/O-A/9, B/O-B/9)



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Page 2 of 5


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LOF550-20B24 LOF550-20B24-C LOF550-20B24-CF LOF550-20B24-ZZZ LOF550-20B24-C-ZZZ LOF550-20B24-CF-ZZZ	24	Air cooling: 13.40 (for LOF550-20B24, LOF550-20B24-ZZZ) Air cooling: 12.90 (for LOF550-20B24-C, LOF550-20B24-C-ZZZ) 25CFM: 22.90	Air cooling: 321.6 (for LOF550-20B24, LOF550-20B24-ZZZ) Air cooling: 309.6 (for LOF550-20B24-C, LOF550-20B24-C-ZZZ) 25CFM: 549.6	
LOF450-20B48 LOF450-20B48-C LOF450-20B48-CF LOF450-20B48-ZZZ LOF450-20B48-C-ZZZ LOF450-20B48-CF-ZZZ	48	Air cooling: 5.30 25CFM: 9.40	Air cooling: 254.4 25CFM: 451.2	
LOF550-20B48 LOF550-20B48-C LOF550-20B48-CF LOF550-20B48-ZZZ LOF550-20B48-C-ZZZ LOF550-20B48-CF-ZZZ	48	Air cooling: 6.70 (for LOF550-20B48, LOF550-20B48-ZZZ) Air cooling: 6.50 (for LOF550-20B48-C, LOF550-20B48-C-ZZZ) 25CFM: 11.46	Air cooling: 321.6 (for LOF550-20B48, LOF550-20B48-ZZZ) Air cooling: 312.0 (for LOF550-20B48-C, LOF550-20B48-C-ZZZ) 25CFM: 550.0	51500689 (A/0-A/9, B/0-B/9)
LOF450-20B54 LOF450-20B54-C LOF450-20B54-CF LOF450-20B54-ZZZ LOF450-20B54-C-ZZZ LOF450-20B54-CF-ZZZ	54	Air cooling: 4.63 25CFM: 8.33	Air cooling: 250.0 25CFM: 449.8	51503132 (A/0-A/9, B/0-B/9)
LOF550-20B54 LOF550-20B54-C LOF550-20B54-CF LOF550-20B54-ZZZ LOF550-20B54-C-ZZZ LOF550-20B54-CF-ZZZ	54	Air cooling: 5.75 25CFM: 10.20	Air cooling: 310.5 25CFM: 550.8	



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LOF450-20BXXX LOF450-20BXXX-C LOF450-20BXXX-CF LOF450-20BXXX-ZZZ LOF450-20BXXX-C-ZZZ LOF450-20BXXX-CF-ZZZ	11.4-12.6	Air cooling: 0.00-20.80 25CFM: 0.00-33.30	Air cooling: 249.6 25CFM: 399.6	51500723 (A/O-A/9, B/O-B/9)
	14.25-15.75	Air cooling: 0.00-16.70 25CFM: 0.00-26.70	Air cooling: 250.5 25CFM: 400.5	51500683 (A/O-A/9, B/O-B/9)
	22.8-25.2	Air cooling: 0.00-10.50 25CFM: 0.00-18.75	Air cooling: 252.0 25CFM: 450.0	51500688 (A/O-A/9, B/O-B/9)
	45.6-50.4	Air cooling: 0.00-5.30 25CFM: 0.00-9.40	Air cooling: 254.4 25CFM: 451.2	51500689 (A/O-A/9, B/O-B/9)
	51.3-56.7	Air cooling: 0.00-4.63 25CFM: 0.00-8.33	Air cooling: 250.0 25CFM: 449.8	51503132 (A/O-A/9, B/O-B/9)
LOF550-20BXXX LOF550-20BXXX-C LOF550-20BXXX-CF LOF550-20BXXX-ZZZ LOF550-20BXXX-C-ZZZ LOF550-20BXXX-CF-ZZZ	11.4-12.6	Air cooling: 0.00-26.70 (for LOF550-20B12, LOF550-20B12-ZZZ) Air cooling: 0.00-25.80 (for LOF550-20B12-C, LOF550-20B12-C-ZZZ) 25CFM: 0.00-41.60	Air cooling: 320.4 (for LOF550-20B12, LOF550-20B12-ZZZ) Air cooling: 309.6 (for LOF550-20B12-C, LOF550-20B12-C-ZZZ) 25CFM: 499.2	51500723 (A/O-A/9, B/O-B/9)



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Page 4 of 5

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14.25-15.75	Air cooling: 0.00-21.30 (for LOF550-20B15, LOF550-20B15-ZZZ) Air cooling: 0.00-20.70 (for LOF550-20B15-C, LOF550-20B15-C-ZZZ) 25CFM: 0.00-33.30	Air cooling: 319.5 (for LOF550-20B15, LOF550-20B15-ZZZ) Air cooling: 310.5 (for LOF550-20B15-C, LOF550-20B15-C-ZZZ) 25CFM: 499.5	51500683 (A/0-A/9, B/0-B/9)
22.8-25.2	Air cooling: 0.00-13.40 (for LOF550-20B24, LOF550-20B24-ZZZ) Air cooling: 0.00-12.90 (for LOF550-20B24-C, LOF550-20B24-C-ZZZ) 25CFM: 0.00-22.90	Air cooling: 321.6 (for LOF550-20B24, LOF550-20B24-ZZZ) Air cooling: 309.6 (for LOF550-20B24-C, LOF550-20B24-C-ZZZ) 25CFM: 549.6	51500688 (A/0-A/9, B/0-B/9)
45.6-50.4	Air cooling: 0.00-6.70 (for LOF550-20B48, LOF550-20B48-ZZZ) Air cooling: 0.00-6.50 (for LOF550-20B48-C, LOF550-20B48-C-ZZZ) 25CFM: 0.00-11.46	Air cooling: 321.6 (for LOF550-20B48, LOF550-20B48-ZZZ) Air cooling: 312.0 (for LOF550-20B48-C, LOF550-20B48-C-ZZZ) 25CFM: 550.0	51500689 (A/0-A/9, B/0-B/9)
51.3-56.7	Air cooling: 0.00-5.75 25CFM: 0.00-10.20	Air cooling: 310.5 25CFM: 550.8	51503132 (A/0-A/9, B/0-B/9)

Remark:

- Variable "XXX" stands for 2~3 digits, represents output voltage range is 11.4V-12.6V, 14.3V-15.8V, 22.8V-25.2V, 45.6V-50.4V, 51.3V-56.7V; 2 digits represents the integer output voltage, and the step is 1V, such as 24 is 24V; 3 digits represents the decimal output voltage, and the step is 0.1V, such as 567 is 56.7V. Where "C" represents product with metal 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 character from A to Z or 0 to 9 are used to distinguish between different customers codes or leave as blank.
- The step of the output current is 0.01A.
- Transformer 51503132 (A/0-A/9, B/0-B/9) are the same except of model name designed.



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Page 5 of 5

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