

Certificate of Conformity

NO.: ED210317050S

The following product has been tested by us with the listed standards and found in conformity with the council LVD directive 2014/35/EU. It is possible to use CE marking to demonstrate the conformity with this LVD Directive.

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 : LOF550-20Bxx-CF, LOF550-20Bxx-CF-ZZZ, LOF550-20Bxx-C,
LOF550-20Bxx-C-ZZZ, LOF550-20Bxx, LOF550-20Bxx-ZZZ,
LOF450-20Bxx-CF, LOF450-20Bxx-CF-ZZZ, LOF450-20Bxx-C,
LOF450-20Bxx-C-ZZZ, LOF450-20Bxx, LOF450-20Bxx-ZZZ,
LOF350-20B24-GM, LOF350-20B24-GM-ZZZ
(variable "xx, ZZZ" See report model list)

Technical Data : See model list

Test Standards : EN IEC 62368-1:2020+A11:2020

Version : Ver.1.0




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(Manager)

August 23, 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 E-mail: project@emtek.com.cn



Model List

Model name	Input rating	Output voltage (Vdc)	Max. Output current (A)		Max. Output power (W)		Transformer model
			Fan cooling	Air cooling	Fan cooling	Air cooling	
LOF550-20B12 LOF550-20B12-ZZZ LOF550-20B12-C LOF550-20B12-CF LOF550-20B12-C-ZZZ LOF550-20B12-CF-ZZZ Z	Input: 100-240V~, 6.5-4A, 50/60Hz 6.5A for Fan cooling, 4A for Air cooling	12.0	41.6	26.7	499.2	320.4	51500732 (A0~A10)
LOF450-20B12 LOF450-20B12-ZZZ LOF450-20B12-C LOF450-20B12-CF LOF450-20B12-C-ZZZ LOF450-20B12-CF-ZZZ Z	Input: 100-240V~, 5.2-3A, 50/60Hz 5.2A for Fan cooling, 3A for Air cooling	12.0	33.3	21.3	399.6	255.6	
LOF550-20B15 LOF550-20B15-ZZZ LOF550-20B15-C LOF550-20B15-CF LOF550-20B15-C-ZZZ LOF550-20B15-CF-ZZZ Z	Input: 100-240V~, 6.5-4A, 50/60Hz 6.5A for Fan cooling, 4A for Air cooling	15.0	33.3	21.3	499.5	319.5	51500683 (A0~A10)
LOF450-20B15 LOF450-20B15-ZZZ LOF450-20B15-C LOF450-20B15-CF LOF450-20B15-C-ZZZ LOF450-20B15-CF-ZZZ Z	Input: 100-240V~, 5.2-3A, 50/60Hz 5.2A for Fan cooling, 3A for Air cooling	15.0	26.7	17.088	400.5	256.3	

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LOF550-20B24 LOF550-20B24-ZZZ LOF550-20B24-C LOF550-20B24-CF LOF550-20B24-C-ZZZ LOF550-20B24-CF-ZZ Z	Input: 100-240V~, 6.5-4A, 50/60Hz 6.5A for Fan cooling, 4A for Air cooling	24.0	22.9	13.4	549.6	321.6	51500688 (A0~A10)
LOF450-20B24 LOF450-20B24-ZZZ LOF450-20B24-C LOF450-20B24-CF LOF450-20B24-C-ZZZ LOF450-20B24-CF-ZZ Z	Input: 100-240V~, 5.2-3A, 50/60Hz 5.2A for Fan cooling, 3A for Air cooling	24.0	18.8	10.9	451.2	261.6	
LOF350-20B24-GM, LOF350-20B24-GM-Z ZZ		24.0	14.6	8.33	350.4	199.9	
LOF550-20B27 LOF550-20B27-ZZZ LOF550-20B27-C LOF550-20B27-CF LOF550-20B27-C-ZZZ LOF550-20B27-CF-ZZ Z	Input: 100-240V~, 6.5-4A, 50/60Hz 6.5A for Fan cooling, 4A for Air cooling	27.0	20.4	11.9	550.8	321.3	51500834 (A0~A10)
LOF450-20B27 LOF450-20B27-ZZZ LOF450-20B27-C LOF450-20B27-CF LOF450-20B27-C-ZZZ LOF450-20B27-CF-ZZ Z	Input: 100-240V~, 5.2-3A, 50/60Hz 5.2A for Fan cooling, 3A for Air cooling	27.0	16.7	9.69	450.9	261.6	

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LOF550-20B36 LOF550-20B36-ZZZ LOF550-20B36-C LOF550-20B36-CF LOF550-20B36-C-ZZZ LOF550-20B36-CF-ZZ Z	Input: 100-240V~, 6.5-4A, 50/60Hz 6.5A for Fan cooling, 4A for Air cooling	36.0	15.3	8.9	550.8	320.4	51503002 (A0~A10)
LOF450-20B36 LOF450-20B36-ZZZ LOF450-20B36-C LOF450-20B36-CF LOF450-20B36-C-ZZZ LOF450-20B36-CF-ZZ Z	Input: 100-240V~, 5.2-3A, 50/60Hz 5.2A for Fan cooling, 3A for Air cooling	36.0	12.5	7.25	450.0	261.0	
LOF550-20B48 LOF550-20B48-ZZZ LOF550-20B48-C LOF550-20B48-CF LOF550-20B48-C-ZZZ LOF550-20B48-CF-ZZ Z	Input: 100-240V~, 6.5-4A, 50/60Hz 6.5A for Fan cooling, 4A for Air cooling	48.0	11.46	6.7	550.1	321.6	51500689 (A0~A10)
LOF450-20B48 LOF450-20B48-ZZZ LOF450-20B48-C LOF450-20B48-CF LOF450-20B48-C-ZZZ LOF450-20B48-CF-ZZ Z	Input: 100-240V~, 5.2-3A, 50/60Hz 5.2A for Fan cooling, 3A for Air cooling	48.0	9.4	5.45	451.2	261.6	

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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 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.
2. The step of the output current is 0.001A.
3. Transformer name example 51500732 (A0~A10) are the same except of model name designed.



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