

Certificate of Conformity

NO.: ES210429068S


The following product has been tested by us with the listed standards and found in conformity with the council MDR directive 2017/745/EU. It is possible to use CE marking to demonstrate the conformity with this MDR Directive.

Applicant : MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD.

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

Manufacturer : Same as Applicant

Address : Same as Applicant

Trade Mark : 

EUT : AC-DC Converter

M/N : See the appendix 1 and appendix 2 and appendix 3

Technical Data : Input: see appendix 3
Output: see appendix 1 and appendix 2 and appendix 3

Test Standards : EN 60601-1:2006/A12:2014.

Version : Ver.1.0



William Guo

(Manager)

September 29, 2021



Appendix 1

NO.: ES210429068S

Model List

Model name	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	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	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	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	15.0	26.7	17.088	400.5	256.3	

Appendix 2

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LOF550-20B24 LOF550-20B24-ZZZ LOF550-20B24-C LOF550-20B24-CF LOF550-20B24-C-ZZZ LOF550-20B24-CF-ZZZ	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-ZZZ	24.0	18.8	10.9	451.2	261.6	
LOF550-20B27 LOF550-20B27-ZZZ LOF550-20B27-C LOF550-20B27-CF LOF550-20B27-C-ZZZ LOF550-20B27-CF-ZZZ	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-ZZZ	27.0	16.7	9.69	450.9	261.6	
LOF550-20B36 LOF550-20B36-ZZZ LOF550-20B36-C LOF550-20B36-CF LOF550-20B36-C-ZZZ LOF550-20B36-CF-ZZZ	36.0	15.3	8.9	550.8	320.4	51503002 (A0~A10)

Appendix 3

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LOF450-20B36 LOF450-20B36-ZZZ LOF450-20B36-C LOF450-20B36-CF LOF450-20B36-C-ZZZ LOF450-20B36-CF-ZZZ	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-ZZZ	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-ZZZ	48.0	9.4	5.45	451.2	261.6	

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 51500732 (A0~A10) are the same except of model name designed.
4. For models: LOF550-20Bxx-CF, LOF550-20Bxx-CF-ZZZ, LOF550-20Bxx-C, LOF550-20Bxx-C-ZZZ, LOF550-20Bxx, LOF550-20Bxx-ZZZ:
Input: 100-240V~, 6.5-4A, 50/60Hz
For models: LOF450-20Bxx-CF, LOF450-20Bxx-CF-ZZZ, LOF450-20Bxx-C, LOF450-20Bxx-C-ZZZ, LOF450-20Bxx, LOF450-20Bxx-ZZZ,
Input: 100-240V~, 5.2-3A, 50/60Hz