

## Certificate of Conformity

**NO.: ED210317051E**

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,  
510663, P.R.China.

Manufacturer : Mornsun Guangzhou Science & Technology Co Ltd.  
Address : No.8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong,  
510663, P.R.China.

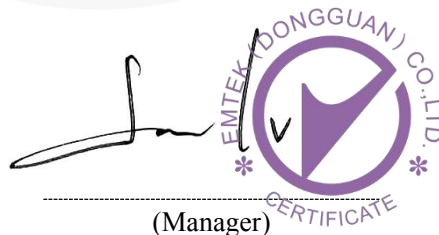
EUT : AC-DC Converter

Trade Mark : **MORNSUN**<sup>®</sup>

M/N : See the attach model list for detail

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

Version : Ver.1.0



(Manager)

March 29, 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 List	Output voltage (Vdc)	Output current (A Max)		Output power(W Max)		Fuze	Rectifier	Capacitance	MOS	Transformer		Secondary rectifier	PCB
		25C FM:	Air cooling:	25C FM:	Air cooling:					Primary	Secondary		
LOF550-20B12, LOF550-20B12-C, LOF550-20B12-CF, LOF550-20B12-ZZZ, LOF550-20B12-C-ZZZ, LOF550-20B12-CF-ZZZ,	12	41.6	26.7	499.2	320.4	8A/300V	35A/1000V	120uF/450V x2	23A/550V	16Ts (0.1mm*30P)	1Ts (0.3mm*6.2mm)	200A/60V	Same
LOF450-20B12, LOF450-20B12-C, LOF450-20B12-CF, LOF450-20B12-ZZZ, LOF450-20B12-C-ZZZ, LOF450-20B12-CF-ZZZ,	12	33.3	20.8	399.6	250	8A/300V	20A/100V	120uF/450V x2	15A/650V	16Ts (0.1mm*30P)	1Ts (0.3mm*6.2mm)	130A/60V	Same
LOF550-20B15, LOF550-20B15-C, LOF550-20B15-CF, LOF550-20B15-ZZZ, LOF550-20B15-C-ZZZ, LOF550-20B15-CF-ZZZ,	15	33.3	21.3	499.5	319.5	8A/300V	35A/100V	120uF/450V x2	23A/550V	26Ts (0.3mm*1P)	2Ts (0.3mm*6.0mm)	200A/60V	Same
LOF450-20B15, LOF450-20B15-C, LOF450-20B15-CF, LOF450-20B15-ZZZ, LOF450-20B15-C-ZZZ, LOF450-20B15-CF-ZZZ,	15	26.7	16.7	400.5	250	8A/300V	20A/100V	120uF/450V x2	15A/650V	26Ts (0.3mm*1P)	2Ts (0.3mm*5.0mm)	130A/60V	Same
LOF550-20B24, LOF550-20B24-C, LOF550-20B24-CF, LOF550-20B24-ZZZ, LOF550-20B24-C-ZZZ, LOF550-20B24-CF-ZZZ,	24	22.9	13.4	549.6	321.6	8A/300V	35A/100V	120uF/450V x2	30A/600V	16Ts (0.1mm*30P)	2Ts (0.3mm*6.0mm)	140A/85V	Same

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



LOF450-20B24, LOF450-20B24-C, LOF450-20B24-CF, LOF450-20B24-ZZZ, LOF450-20B24-C-ZZZ, LOF450-20B24-CF-ZZZ,	24	18.8	10.5	450	250	8A/300 V	20A/100 0V	120uF/45 0V x2	15A/650V	16Ts (0.1mm*30P )	2Ts (0.3mm*5.0mm)	100A 100V	Same
LOF550-20B27, LOF550-20B27-C, LOF550-20B27-CF, LOF550-20B27-ZZZ, LOF550-20B27-C-ZZZ, LOF550-20B27-CF-ZZZ,	27	20.4	11.9	550.8	321.3	8A/300 V	35A/100 0V	120uF/45 0V x2	30A/600V	14Ts (0.1mm*30P )	2Ts (0.3mm*6.0mm)	130A 100V	Same
LOF450-20B27, LOF450-20B27-C, LOF450-20B27-CF, LOF450-20B27-ZZZ, LOF450-20B27-C-ZZZ, LOF450-20B27-CF-ZZZ,	27	16.7	9.3	450	250	8A/300 V	20A/100 0V	120uF/45 0V x2	15A/650V	14Ts (0.1mm*30P )	2Ts (0.3mm*5.0mm)	100A 100V	Same
LOF550-20B36, LOF550-20B36-C, LOF550-20B36-CF, LOF550-20B36-ZZZ, LOF550-20B36-C-ZZZ, LOF550-20B36-CF-ZZZ,	36	15.3	8.9	550.8	320.4	8A/300 V	35A/100 0V	120uF/45 0V x2	30A/600V	16Ts (0.1mm*30P )	3Ts (0.3mm*6.0mm)	30A 150V	Same
LOF450-20B36, LOF450-20B36-C, LOF450-20B36-CF, LOF450-20B36-ZZZ, LOF450-20B36-C-ZZZ, LOF450-20B36-CF-ZZZ,	36	12.5	6.95	450.9	250	8A/300 V	20A/100 0V	120uF/45 0V x2	15A/650V	16Ts (0.1mm*30P )	3Ts (0.3mm*5.0mm)	30A 150V	Same
LOF550-20B48, LOF550-20B48-C, LOF550-20B48-CF, LOF550-20B48-ZZZ, LOF550-20B48-C-ZZZ, LOF550-20B48-CF-ZZZ,	48	11.4 6	6.7	550	321.6	8A/300 V	35A/100 0V	120uF/45 0V x2	30A/600V	16Ts (0.1mm*30P )	4Ts (0.3mm*6.0mm)	30A 150V	Same

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



LOF450-20B48, LOF450-20B48-C, LOF450-20B48-CF, LOF450-20B48-ZZZ, LOF450-20B48-C-ZZZ, LOF450-20B48-CF-ZZZ,	48	9.4	5.3	451.2	250	8A/300 V	20A/100 0V	120uF/45 0V x2	15A/650V	16Ts (0.1mm*30P )	4Ts (0.3mm*5.0mm)	20A 150V	Same
--	----	-----	-----	-------	-----	-------------	---------------	-------------------	----------	-------------------------	----------------------	-------------	------

**Remark:**

**1. Definition of variables:**

Variable	Rang of variable	Content:
<b>xx</b>	<b>12, 15, 24, 27, 36, 48</b>	<b>2 digits number, indicate output voltage from 12Vdc, 15Vdc, 24Vdc, 27Vdc, 36Vdc, 48Vdc</b>
<b>CF</b>	<b>114-567</b>	<b>3 digits number, indicate output voltage from 11.4Vdc to 50.4Vdc instep of 0.1V, eg: 114=11.4Vdc, 567=56.7Vdc.</b>
<b>ZZZ</b>	<b>Z= A-Z any letter or 0-9 any Arabic numerals</b>	<b>1-3 digits number, indicate different sales purposes.</b>

**2. The step of the output current is 0.001A.**

**3. With "-C" in the model name, Represents the product without built-in fan case**

**4. With "-CF" in the model name, Represents the product with built-in fan case**

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

