



# Certificate of Conformity

NO.: ED200807010E

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.5, Kehui St.1, Kehui development center, Science Ave., Guangzhou Science City, Luogang district, Guangzhou, Guangdong 510000 China

Manufacturer : Mornsun Guangzhou Science & Technology Co Ltd.  
Address : No.5, Kehui St.1, Kehui development center, Science Ave., Guangzhou Science City, Luogang district, Guangzhou, Guangdong 510000 China


EUT : AC-DC Converter  
Trade Mark :

**MORNSUN®**

M/N : LM15-23B\* (\* means the model suffix, can be XX, XX-C, XX-Q, XX-CQ, XX-XXX, XX-C-XXX, XX-Q-XXX, XX-CQ-XXX YYY, YYY-C, YYY-Q, YYY-CQ, YYY-XXX, YYY-C-XXX, YYY-Q-XXX, YYY-CQ-XXX. See attached model list for details.)

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)

August 26, 2020

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	Output voltage (Vdc)	Max. Output current (A)	Max. Output power (W)	Max. load condition	Transformer model
LM15-23BXX LM15-23BXX-C LM15-23BXX-Q LM15-23BXX-CQ LM15-23BXX-XXX LM15-23BXX-C-XXX LM15-23BXX-Q-XXX LM15-23BXX-CQ-XX X	3.3V	3A	9.9W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500795(A/0-A/5)
	5V	3A	15W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	
	12V	1.3A	15.6W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500796(A/0-A/5)
	15V	1A	15W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	
	24V	0.625A	15W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500797(A/0-A/5)
	48V	0.32A	15.36W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500798(A/0-A/5)

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LM15-23BYYY LM15-23BYYY-C LM15-23BYYY-Q LM15-23BYYY-CQ LM15-23BYYY-XXX LM15-23BYYY-C-XX X LM15-23BYYY-Q-XX X LM15-23BYYY-CQ-X XX	2.8-3.6V	3A	9.9W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500795(A/0-A/5)
	3.7V-5.5V	3A	15W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	
	5.6V-13.8V	1.3A	15.6W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500796(A/0-A/5)
	13.9V-18V	1A	15W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	
	18.1V-28.8 V	0.625A	15W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500797(A/0-A/5)
	28.9V-52.8 V	0.32A	15.36W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500798(A/0-A/5)

1. Definition of variables:

Variable	Rang of variable	Content:
XX	03, 05, 12, 15, 24, 48	2 digits number, means output voltage 3.3V, 5V, 12V, 15V, 24, 48V.
YYY	028-528	3 digits number representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 028=2.8Vdc, 528=52.8Vdc
XXX	A-Z, 0-9	Is any Arabian number or English letter, use to distinguish between Different sales purposes

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

3. Models with suffix "C": Terminal block (J1) with protective cover, others are the same with the basic models.

4. Models with suffix "Q": PCB with Anti-corrosion paint, others are the same with the basic models.

5. Models with suffix "CQ": Terminal block (J1) with protective cover and PCB with Anti-corrosion paint, others are the same with the basic models.

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