

## Certificate of Conformity

NO.: ED200807016S

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.5, Kehui St.1, Kehui development center, Science Ave.,  
Guangzhou Science City, Luogang district, Guangzhou, P. R.  
China

Manufacturer : Mornsun(HuaiHua) Science & Technology Co., Ltd

Address : No.16, Jianshe Avenue, High-tech Industrial Development  
District, Huaihua, Hunan, China.

Trade Mark : **MORNSUN**<sup>®</sup>

EUT : AC-DC converter

M/N : LM25-23B\* (\* means the model suffix, can be XX, XX-C, XX-Q,  
XX-CQ, XX-ZZZ, XX-C-ZZZ, XX-Q-ZZZ, XX-CQ-ZZZ, YYYY,  
YYYY-C, YYYY-Q, YYYY-CQ, YYYY-ZZZ, YYYY-C-ZZZ,  
YYYY-Q-ZZZ, YYYY-CQ-ZZZ. See attached model list for details.)

Technical Data : Ref. to attached model list

Test Standards : EN 62368-1:2014+A11:2017

Version : Ver.1.0

  
(Manager)  
Sept. 18, 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 (mA)	Max. Output power (W)	Max. load condition	Transformer model
LM25-23BXX LM25-23BXX-C LM25-23BXX-Q LM25-23BXX-CQ LM25-23BXX-ZZZ LM25-23BXX-C-ZZZ LM25-23BXX-Q-ZZ Z LM25-23BXX-CQ-Z ZZ	3.3V	6000mA	19.8W	100% load at Ambient:40°C, 60% Load at Ambient: 70°C	51500715
	5V	5000mA	25W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	
	12V	2100mA	25.2W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500716
	15V	1700mA	25.5W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	
	24V	1100mA	26.4W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500717
	48V	570mA	27.36W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500817
LM25-23BYYYY LM25-23BYYYY-C LM25-23BYYYY-Q LM25-23BYYYY-C Q LM25-23BYYYY-ZZ Z LM25-23BYYYY-C-Z ZZ LM25-23BYYYY-Q- ZZZ	2.85-5.5V	0-6000mA	25.2W	100% load at Ambient:40°C for output voltage 2.85V-3.3V, 100% load at Ambient:50°C for output voltage 3.31V-5.5V; 60% Load at Ambient: 70°C	51500715
	5.6V-18V	0-2100mA	25.5W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500716

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LM25-23BYYYY-C Q-ZZZ	18.1V-28.8V	0-1100mA	26.4W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500717
	28.9V-54V	0-570mA	27.36W	100% load at Ambient:50°C, 60% Load at Ambient: 70°C	51500817

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.
YYYY	0285-5 400	4 digits number representing 100 time of output voltage in volt. Raise step by 0.01V, eg: 0285=2.85Vdc, 5400=54.0Vdc
Z	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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