

# Verification of Conformity

LVD 2014/35/EU

No.CQCIT20250701G20238X

Applicant :Mornsun Guangzhou Science &Technology Co., Ltd.

Manufacturer :Mornsun Guangzhou Science &Technology Co., Ltd.

Product Description :AC-DC concerter

Trademark :MORNSUN

Model/Type :See ATTACHMENT for detail

Parameters :See ATTACHMENT for detail

Test Report No. :20250701G20238X

Test Standard(s) :EN 62368-1:2014/A11:2017



中国质量认证中心  
CHINA QUALITY CERTIFICATION CENTRE  
中认英泰检测技术有限公司  
CQC INTIME TESTING TECHNOLOGY CO., LTD.

The submitted products have been tested by us with the above European standards. The referred test report(s) show that the product complies with the requirements of the European Community Directive. The verification of conformity is based on evaluation of a sample of the above mentioned product. Technical report and documentation are at the applicant's disposal. The verification does not imply assessment of the series-production of the product.



中国质量认证中心  
CHINA QUALITY CERTIFICATION CENTRE  
中认英泰检测技术有限公司  
CQC INTIME TESTING TECHNOLOGY CO., LTD.

Signature : *Guo Qirfen*

Title : Technical manager

Date of issue : 2025-09-12

The Conformity Marking may only be used of all relevant and effective EC Directive are complied with

CQC Intime Testing Technology Co., Ltd.

East Taihu Hi-Tech & Finance Town, No.1368, Wuzhong Road, Wuzhong Economic Development zone,  
Suzhou, China Tel:(86)0512-66303627 <http://www.cqc-it.com>



# ATTACHMENT

No.CQCIT20250701G20238X

Model No. Input: 100-277V~,1.2A,50/60Hz

Output: The output specifications are as follows

Model	Output voltage---(V)	output current(A) current step is 0.01A	output power(W Max)	transformer model
LM50-23B05R2S LM50-23B05R2S-C LM50-23B05R2S-Q LM50-23B05R2S-QQ LM50-23B05R2S-CQ LM50-23B05R2S-CQQ LM50-23B05R2S-YYY LM50-23B05R2S-C-YYY LM50-23B05R2S-Q-YYY LM50-23B05R2S-QQ-YYY LM50-23B05R2S-CQ-YYY LM50-23B05R2S-CQQ-YYY	5	10	50	51503829 (A /0-A/9, B/0 -B/9)
LM50-23B12R2S LM50-23B12R2S-C LM50-23B12R2S-Q LM50-23B12R2S-QQ LM50-23B12R2S-CQ LM50-23B12R2S-CQQ LM50-23B12R2S-YYY LM50-23B12R2S-C-YYY LM50-23B12R2S-Q-YYY LM50-23B12R2S-QQ-YYY LM50-23B12R2S-CQ-YYY LM50-23B12R2S-CQQ-YYY	12	4.2	50.4	51503830 (A /0-A/9, B/0 -B/9)
LM50-23B15R2S LM50-23B15R2S-C LM50-23B15R2S-Q LM50-23B15R2S-QQ LM50-23B15R2S-CQ LM50-23B15R2S-CQQ LM50-23B15R2S-YYY LM50-23B15R2S-C-YYY LM50-23B15R2S-Q-YYY LM50-23B15R2S-QQ-YYY LM50-23B15R2S-CQ-YYY LM50-23B15R2S-CQQ-YYY	15	3.4	51	51503831 (A /0-A/9, B/0 -B/9)



LM50-23B24R2S LM50-23B24R2S-C LM50-23B24R2S-Q LM50-23B24R2S-QQ LM50-23B24R2S-CQ LM50-23B24R2S-CQQ LM50-23B24R2S-YYY LM50-23B24R2S-C-YYY LM50-23B24R2S-Q-YYY LM50-23B24R2S-QQ-YYY LM50-23B24R2S-CQ-YYY LM50-23B24R2S-CQQ-YYY	24	2.2	52.8	51503832 (A /0-A/9, B/0 -B/9)
LM50-23B36R2S LM50-23B36R2S-C LM50-23B36R2S-Q LM50-23B36R2S-QQ LM50-23B36R2S-CQ LM50-23B36R2S-CQQ LM50-23B36R2S-YYY LM50-23B36R2S-C-YYY LM50-23B36R2S-Q-YYY LM50-23B36R2S-QQ-YYY LM50-23B36R2S-CQ-YYY LM50-23B36R2S-CQQ-YYY	36	1.45	52.2	51503833 (A /0-A/9, B/0 -B/9)
LM50-23B48R2S LM50-23B48R2S-C LM50-23B48R2S-Q LM50-23B48R2S-QQ LM50-23B48R2S-CQ LM50-23B48R2S-CQQ LM50-23B48R2S-YYY LM50-23B48R2S-C-YYY LM50-23B48R2S-Q-YYY LM50-23B48R2S-QQ-YYY LM50-23B48R2S-CQ-YYY LM50-23B48R2S-CQQ-YYY	48	1.1	52.8	51503834 (A /0-A/9, B/0 -B/9)
LM50-23B54R2S LM50-23B54R2S-C LM50-23B54R2S-Q LM50-23B54R2S-QQ LM50-23B54R2S-CQ LM50-23B54R2S-CQQ LM50-23B54R2S-YYY LM50-23B54R2S-C-YYY LM50-23B54R2S-Q-YYY LM50-23B54R2S-QQ-YYY LM50-23B54R2S-CQ-YYY LM50-23B54R2S-CQQ-YYY	54	0.925	50	51503835 (A /0-A/9, B/0 -B/9)



LM50-23BXXXR2S LM50-23BXXXR2S-C LM50-23BXXXR2S-Q LM50-23BXXXR2S-QQ LM50-23BXXXR2S-CQ LM50-23BXXXR2S-CQQ LM50-23BXXXR2S-YYY LM50-23BXXXR2S-C-YYY LM50-23BXXXR2S-Q-YYY LM50-23BXXXR2S-QQ-YYY LM50-23BXXXR2S-CQ-YYY LM50-23BXXXR2S-CQQ-YYY	4. 7V-5. 8V	10. 64A-8. 62 A	50W	51503829 (A /0-A/9, B/0 -B/9)
	11. 4V-13. 8V	4. 42A-3. 65A	50. 4W	51503830 (A /0-A/9, B/0 -B/9)
	14. 2V-17. 3V	3. 59A-2. 95A	51W	51503831 (A /0-A/9, B/0 -B/9)
	22. 8V-27. 6V	2. 31A-1. 91A	52. 8W	51503832 (A /0-A/9, B/0 -B/9)
	34. 2V-41. 4V	1. 52A-1. 26A	52. 2W	51503833 (A /0-A/9, B/0 -B/9)
	43. 2V-52. 8V	1. 22A-1A	52. 8W	51503834 (A /0-A/9, B/0 -B/9)
	48. 6V-59. 4V	1. 03A-0. 84A	50W	51503835 (A /0-A/9, B/0 -B/9)

( XXX represents 2-3 digits, with output voltage ranges of 4.7V-5.8V, 11.4V-13.8V, 14.2V-17.3V, 22.8V-27.6V, 34.2V-41.4V, 43.2V-52.8V, 48.6V-59.4V; When XXX is a 2-digit number, the step value is 1V, such as 24V for 24; when XXX is a 3-digit number, the step value is 0.1V, such as 24.8V for 248. YYY represents 1-3 characters, Y=A-Z is any letter, and 0-9 is any number. Representing different clients. -C represents the product wiring terminal with plastic cover, - Q represents the product power board with single-sided three proof paint, - QQ represents the product power board with double-sided three proof paint, - CQ represents the product wiring terminal with plastic cover and single-sided three proof paint, - CQQ represents the product wiring terminal with plastic cover and double-sided three proof paint, and other characters are non variables)

中国质量认证中心

CHINA QUALITY CERTIFICATION CENTRE

中认英泰检测技术有限公司

CQC INTIME TESTING TECHNOLOGY CO., LTD.