

UL TYPE EXAMINATION CERTIFICATE

Low Voltage Directive 2014/35/EU

Certificate No.	UL TEC-01956
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Date of Issue	2023-01-12
Issued to	Mornsun Guangzhou Science&Technology CO.,LTD NO.8, NANYUN ROAD 4, HUANGPU DISTRICT GUANGZHOU GUANGDONG 510670 CHINA
Manufacturer	Mornsun Guangzhou Science&Technology CO.,LTD NO.8, NANYUN ROAD 4, HUANGPU DISTRICT GUANGZHOU GUANGDONG 510670 CHINA
Manufacturing site/location	MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY LTD No.8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong, 510670, China. See Page 2
Product Sample Description Designation	AC-DC converter LM150-23BxxR2, LM150-23BxxR2-C, LM150-23BxxR2-Q, LM150- 23BxxR2-J, LM150-23BxxR2-QQ See Page 2
Ratings	Input: 100-277V~, 4A, 50/60Hz Output: See test report for details
Product Sample Tested and found in compliance with Standard(s)	EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020
Test Report Nos.	S01A22060812S002 issued on 2023-01-03
Additional information	N/A

Certification Manager
Jan-Erik Storgaard

This is to certify that the sample(s) of the Product described herein has/have been investigated and found to have been in compliance with the above mentioned Standard(s) issued by the European Committee for Electrotechnical Standardization (CENELEC) in accordance with the UL Type Examination Certificate Program Requirements.

As stated in Article 6 of Directive 2014/35/EU, "When placing their electrical equipment on the market, manufacturers shall ensure that it has been designed and manufactured in accordance with the safety objectives referred to in Article 3 and set out in Annex I" and "Manufacturers shall draw up the technical documentation referred to in Annex III and carry out the conformity assessment procedure referred to in Annex III or have it carried out". This remains the responsibility of the manufacturer and is not covered as part of this certificate.

This certificate and test results obtained apply only to the product sample(s) submitted by the Applicant. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured products. UL has not established Follow-Up Service or other surveillance of the product. The Applicant/ Manufacturer are solely and fully responsible for any declaration of ongoing conformity of all products to all applicable Standard(s), specifications or requirements. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Certification Body

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Manufacturing site/location:

MORNSUN (Huaihua) Science & Technology Co., Ltd.

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

Shenzhen Hehuiyuan Electronic Technology Co., Ltd.

North side, 5F Building B20S Hezhou Hengfeng Industrial City Xixiang Street, Bao'an District, Shenzhen, Guangdong China

Analog Power Electronic Co., Ltd

No. 6 Chuangxin Road Dongguan Guangdong, China

Guangzhou Huachuan Electronics Co., Ltd.

Room 301, Building A01, No.11, Hanqi Avenue, Dalong Street, Panyu District Guangzhou Guangdong Province 511400 China

Additional Model(s):

Series: LM150-23BxxR2, LM150-23BxxR2-C, LM150-23BxxR2-Q, LM150-23BxxR2-J, LM150-23BxxR2-QQ, LM150-23BxxR2-CQ, LM150-23BxxR2-CQQ, LM150-23BxxR2-J-C, LM150-23BxxR2-J-Q, LM150-23BxxR2-J-QQ, LM150-23BxxR2-J-CQ, LM150-23BxxR2-J-CQQ, xx = 12, 15, 24, 36, 48, 54, 2 digits number, means output voltage. eg. 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 36=36.0Vdc, 48 =48.0Vdc, 54=54.0Vdc.

LM150-23BxxR2-XXX, LM150-23BxxR2-C-XXX, LM150-23BxxR2-Q-XXX, LM150-23BxxR2-J-XXX, LM150-23BxxR2-QQ-XXX, LM150-23BxxR2-CQ-XXX, LM150-23BxxR2-CQQ-XXX, LM150-23BxxR2-J-Q-XXX, LM150-23BxxR2-J-QQ-XXX, LM150-23BxxR2-J-CQ-XXX, LM150-23BxxR2-J-CQQ-XXX, xx = 12, 15, 24, 36, 48, 54, 2 digits number, means output voltage. eg. 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 36=36.0Vdc, 48 =48.0Vdc, 54=54.0Vdc.

XXX = A-Z any letter, represents non-security-related changes.

LM150-23BYYY, LM150-23BYYY-C, LM150-23BYYY-Q, LM150-23BYYY-J, LM150-23BYYY-CQ, LM150-23BYYY-QQ, LM150-23BYYY-CQQ, LM150-23BYYYR2-J-C, LM150-23BYYYR2-J-Q, LM150-23BYYYR2-J-QQ, LM150-23BYYYR2-J-CQ, LM150-23BYYYR2-J-CQQ, YYY = 114-567, 3 digits, indicate output voltage from 11.4Vdc to 56.7Vdc in step of 0.1Vdc, eg. 114=11.4Vdc, 567=56.7Vdc.

LM150-23BYYY-XXX, LM150-23BYYY-C-XXX, LM150-23BYYY-Q-XXX, LM150-23BYYY-J-XXX, LM150-23BYYY-QQ-XXX, LM150-23BYYY-CQ-XXX, LM150-23BYYY-CQQ-XXX, LM150-23BYYYR2-J-XXX, LM150-23BYYYR2-C-XXX, LM150-23BYYYR2-J-Q-XXX, LM150-23BYYYR2-J-QQ-XXX, LM150-23BYYYR2-J-CQ-XXX, LM150-23BYYYR2-J-CQQ-XXX, YYY = 114-567, 3 digits, indicate output voltage from 11.4Vdc to 56.7Vdc in step of 0.1Vdc, eg. 114=11.4Vdc, 567=56.7Vdc.

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