



Ref. Certif. No.

CN49675

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product

AC-DC Converter

Name and address of the applicant

Mornsun Guangzhou Science & Technology Co., Ltd.  
No.5, Kehui St.1, Kehui development center, Science Ave.,Guangzhou  
Science City, Luogang district, Guangzhou, P.R. China

Name and address of the manufacturer

Mornsun Guangzhou Science & Technology Co., Ltd.  
No.5, Kehui St.1, Kehui development center, Science Ave.,Guangzhou  
Science City, Luogang district, Guangzhou, P.R. China

Name and address of the factory

Shenzhen HHY Electronic Technology Co.,Ltd  
5F,Building B20,Hengfeng Industrial Park, Xixiang town, Bao'an  
district,Shenzhen, China*Note: When more than one factory, please report on page 2*

Ratings and principal characteristics

See Appendix, Class I

Trademark (if any)

MORNSUN

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

See Appendix

Additional information (if necessary may also be reported on page 2)

IEC 62368-1:2014

A sample of the product was tested and found to be in conformity with

13001-20191101A26177XG1

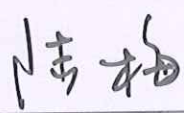
As shown in the Test Report Ref. No. which forms part of this Certificate

This CB Test Certificate is issued by the National Certification Body

## CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188 Nansihuan Xilu, Beijing 100070 P. R. China  
Tel: +86-10-83886666 Fax: +86-10-83886282  
website: <http://www.cqc.com.cn>

Date: Mar.16,2020

Signature:   
Lu Mei

CB 0050057

LM150-20BXX, LM150-20BXX-C, LM150-20BXX-Q, LM150-20BXX-C-XXX, LM150-20BXX-Q-XXX, LM150-20BXX-XXX, LM150-22BXX, LM150-22BXX-C, LM150-22BXX-Q, LM150-22BXX-C-XXX, LM150-22BXX-Q-XXX, LM150-22BXX-XXX, LM150-20BYYY, LM150-20BYYY-C, LM150-20BYYY-Q, LM150-20BYYY-C-XXX, LM150-20BYYY-Q-XXX, LM150-20BYYY-XXX, LM150-22BYYY, LM150-22BYYY-C, LM150-22BYYY-Q, LM150-22BYYY-C-XXX, LM150-22BYYY-Q-XXX, LM150-22BYYY-XXX (XX=12、15、24、36、48, denote the output voltage; YYY=102-480, 10.2-48V, 0.1V for step; XXX=1-3digit letter A-Z, representing different customers ;C represents the product terminal with plastic cover, Q represents the product power board painted with three anti paint, and other characters are not variable)

LM150-20B series :input 100-240Vac 4A 50/60Hz LM150-22B series :input 185-240Vac 2.2A 50/60Hz			
	Output voltage ---(V)	Output current(A) 0.1A for step down	Output Power (W Max)
LM150-20B12 LM150-20B12-C LM150-20B12-Q LM150-20B12-XXX LM150-20B12-C-XXX LM150-20B12-Q-XXX LM150-22B12 LM150-22B12-C LM150-22B12-Q LM150-22B12-XXX LM150-22B12-C-XXX LM150-22B12-Q-XXX	12	12.5	150.0
LM150-20B15 LM150-20B15-C LM150-20B15-Q LM150-20B15-XXX LM150-20B15-C-XXX LM150-20B15-Q-XXX	15	10.0	150.0

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LM150-22B15 LM150-22B15-C LM150-22B15-Q LM150-22B15-XXX LM150-22B15-C-XXX LM150-22B15-Q-XXX			
LM150-20B24 LM150-20B24-C LM150-20B24-Q LM150-20B24-XXX LM150-20B24-C-XXX LM150-20B24-Q-XXX LM150-22B24 LM150-22B24-C LM150-22B24-Q LM150-22B24-XXX LM150-22B24-C-XXX LM150-22B24-Q-XXX	24	6.5	156.0
LM150-20B36 LM150-20B36-C LM150-20B36-Q LM150-20B36-C-XXX LM150-20B36-Q-XXX LM150-20B36-XXX LM150-22B36 LM150-22B36-C LM150-22B36-Q LM150-22B36-C-XXX LM150-22B36-Q-XXX LM150-22B36-XXX	36	4.3	154.8
LM150-20B48	48	3.3	158.4

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LM150-20B48-C			
LM150-20B48-Q			
LM150-20B48-C-XXX			
LM150-20B48-Q-XXX			
LM150-20B48-XXX			
LM150-22B48			
LM150-22B48-C			
LM150-22B48-Q			
LM150-22B48-C-XXX			
LM150-22B48-Q-XXX			
LM150-22B48-XXX			
LM150-20BYYY	10.2 -13.8	12.5-10.8	150.0
LM150-20BYYY-C	13.9 -18.0	10.0-8.3	150.0
LM150-20BYYY-Q	18.1 - 28.8	6.5-5.4	156.0
LM150-20BYYY-C-XXX	28.9 - 39.6	4.3-3.9	154.8
LM150-20BYYY-Q-XXX			
LM150-20BYYY-XXX			
LM150-22BYYY			
LM150-22BYYY-C	39.7 - 48.0	3.3	158.4
LM150-22BYYY-Q			
LM150-22BYYY-C-XXX			
LM150-22BYYY-Q-XXX			
LM150-22BYYY-XXX			

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