


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

## CB TEST CERTIFICATE

Product	DC-DC Converter
Name and address of the applicant	MORNSUN GUANGZHOU SCIENCE&TECHNOLOGY CO.,LTD 5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER SCIENCE AVE, GUANGZHOU SCIENCE CITY LUOGANG DISTRICT GUANGZHOU, 510000 GUANGDONG China
Name and address of the manufacturer	MORNSUN GUANGZHOU SCIENCE&TECHNOLOGY CO.,LTD 5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER SCIENCE AVE, GUANGZHOU SCIENCE CITY LUOGANG DISTRICT GUANGZHOU, 510000 GUANGDONG China
Name and address of the factory	Mornsun Guangzhou Science&Technology Co., Ltd No.8, Nanyun 4 Rd, Guangzhou Science Park, Guangzhou, Guangdong 510663 CHINA
Note: When more than one factory, please report on page 2	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	I/P: 9-36VDdc, 3.2A O/P: see test report for details
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	URF2403LP-20WR3*, URF2405LP-20WR3*, URF2409LP-20WR3*, URF2412LP-20WR3*, URF2415LP-20WR3*, URF2424LP-20WR3* See Page 2
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2
As shown in the Test Report Ref. No. which forms part of this Certificate	KAS150507015S issued on 2017-06-08

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2017-06-12

Original Issue Date: 2015-07-31

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-47195-A1-UL**

**Model Details:**

URF2403LP-20WR3\*,URF2405LP-20WR3\*,URF2409LP-20WR3\*,URF2412LP-20WR3\*,URF2415LP-20WR3\*,  
URF2424LP-20WR3\* (If \* is none, it means standard module. If \* is A2S, it means standard module with chassis  
mounting.If \* is A4S, it means standard module with DIN-Rail chassis mounting.)

**Additional Information:**

Additionally evaluated to EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011/ A2:2013.  
National Difference specified in the CB Test Report

The original report was modified to include the following changes/additions:

- Alternate models
- Changed the construction of transformer and PCB trace
- Changed max. Operating temperature
- Changed factory address

**Additional information (if necessary)**



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