

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20181004-E235235  
**Report Reference** E235235-A6023-UL  
**Issue Date** 2018-OCTOBER-04

**Issued to:** MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY LTD  
5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER  
SCIENCE AVE, GUANGZHOU SCIENCE CITY  
LUOGANG DISTRICT  
GUANGZHOU GUANGDONG 510000 CHINA

**This is to certify that  
representative samples of**

COMPONENT - POWER SUPPLIES FOR USE WITH  
AUDIO/VIDEO, INFORMATION AND COMMUNICATION  
TECHNOLOGY EQUIPMENT

See addendum page for models

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.


**Standard(s) for Safety:**

See addendum page for standards

**Additional Information:**

See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## Models/Product

DC-DC Converter Model URB48xxYMD-15WR3\*, URB48xxYMD-20WR3\*  
(xx=03, 05, 12, 15, 24, which represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc; "\*" = A2S, A4S or blank, "blank" means standard module, "A2S" means chassis mounting, "A4S" means DIN-Rail mounting.)

## Standards

UL 62368-1 and CAN/CSA C22.2 No. 62368-1-14 Audio/video, information and communication technology equipment Part 1: Safety requirements



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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