



Ref. Certif. No.

**DK-152793-UL**

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

**CB TEST CERTIFICATE**

Product

Switching Power Supply

Name and address of the applicant

OmniOn Power (China) Co., Ltd.  
1F, Bldg 58, 461 Hongcao Rd  
Xuhui District Shanghai 200233  
China

Name and address of the manufacturer

ABB Power Electronics Inc  
601 SHILOH RD PLANO, TX 75074-7210  
United States

Name and address of the factory

OmniOn Power Shanghai Co., Ltd.  
NO 1353 CHEN QIAO RD  
SHANGHAI FENGPU INDUSTRIAL PARK SHANGHAI, 201401  
China

*Note: When more than one factory, please report on page 2*

☐ [Additional Information on page 2](#)

Ratings and principal characteristics

Input rating: 200-240 Vac(or 100-240 Vac), 16 A , 47-63 Hz(or 50/60 Hz)

☒ [Additional Information on page 2](#)

Trademark / Brand (if any)

OmniOn Power



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

CAR2548FP, CAR2548TN

☒ [Additional Information on page 2](#)

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

**Additionally evaluated to:**

EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020

National Differences: AU, CA, EU Group Differences, JP, NZ, US

☐ [Additional Information on page 2](#)

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

IEC 62368-1:2018

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

E252413-A6007-CB-2 issued on 2024-05-05

This CB Test Certificate is issued by the National Certification Body



- ☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL Solutions (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☐ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL Solutions (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: 2024-05-06

Signature:

Thomas Wilson



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**Additional Model Detail(s):**

CAR2548FP, CAR2548TN, (may be optionally followed by "B", and/or "C", and/or "A", and/or "5", and/or "-Z" or "-Z01A", and/or "-Y" or "-Y01A", see test report for details.)

**Additional Ratings:**

Model CAR2548FP Series:

DC Output Ratings: 48 Vdc(or 48.5Vdc) at 52 A maximum,

Optional 3.3 Vsb at 1 A

or 5 Vsb at 1 A

Model CAR2548TN Series:

DC Output Ratings: -54 Vdc at 46.25 A maximum,

Optional 3.3 Vsb at 1 A

or 5 Vsb at 1 A

Maximum continuous output power not to exceed 2500 W with internal fan cooling at 50°C at input range of 180-264 Vac.

Maximum continuous output power not to exceed 1300 W with internal fan cooling at 50°C at input range of 90-180 Vac.

For CAR2548FP series, the 48V output can be rated up to 2% to include the tolerance, however the total output power remain the same as 2500W and 1300W.

**Additional information (if necessary)**



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