

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

TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN  
940-1195 JAPAN

Name and address of the manufacturer

TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN  
940-1195 JAPAN

Name and address of the factory

TDK-LAMBDA CORP  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN  
940-1195  
JAPAN

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

 Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark (if any)

**TDK-Lambda**

Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

CC1R5-wwxxyz#-E, CC3-wwxxyz#-E, and CC6-wwxxyz#-E  
(ww = 05, 12, 24 or 48. xx = 03, 05 or 12. y = S or D. z = F, R or S.  
# = A to Z or blank.)

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

Additionally evaluated to EN 62368-1:2014/ A11:2017.  
National Differences specified in the CB Test Report. Additional Information on page 2

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

IEC 62368-1:2014

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

E132035-A6005-CB-1 issued on 2018-11-06

This CB Test Certificate is issued by the National Certification Body



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), 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: 2018-11-07

Signature:

Masamichi Takagi



Ref. Certif. No.

**JP-20483-UL**

**Ratings:**

**Input:**

- 4.5 - 9 Vdc (for Model ww = 05)
- 9 - 18 Vdc (for Model ww = 12)
- 18 - 36 Vdc (for Model ww = 24)
- 36 - 76 Vdc (for Model ww = 48)

**Output:**

- 3.3 to 3.6 Vdc, 400 mA, 1.32 W (for Model CC1R5-ww03Sz#-E)
- 3.3 to 3.6 Vdc, 800 mA, 2.64 W (for Model CC3-ww03Sz#-E)
- 3.3 to 3.6 Vdc, 1200 mA, 3.96 W (for Model CC6-0503Sz#-E)
- 3.3 to 3.6 Vdc, 1500 mA, 4.95 W (for Model CC6-ww03Sz#-E, except ww = 05)
- 5.0 to 6.0 Vdc, 300 mA, 1.5 W (for Model CC1R5-ww05Sz#-E)
- 5.0 to 6.0 Vdc, 600 mA 3.0W (for Model CC3-ww05Sz#-E)
- 5.0 to 6.0 Vdc, 1000 mA, 5.0 W (for Model CC6-0505Sz#-E)
- 5.0 to 6.0 Vdc, 1200 mA, 6.0 W (for Model CC6-ww05Sz#-E, except ww = 05)
- 12 to 15 Vdc, 125 mA, 1.5 W (for Model CC1R5-ww12Sz#-E)
- 12 to 15 Vdc, 250 mA, 3.0 W (for Model CC3-ww12Sz#-E)
- 12 to 15 Vdc, 500 mA, 6.0 W (for Model CC6-ww12Sz#-E)
- +/-12 to +/-15 Vdc, 60 mA, 1.44 W (for Model CC1R5-ww12Dz#-E)
- +/-12 to +/-15 Vdc, 125 mA, 3.0 W (for Model CC3-ww12Dz#-E)
- +/-12 to +/-15 Vdc, 250 mA, 6.0 W (for Model CC6-ww12Dz#-E)

**Additional information (if necessary)**



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