



Ref. Certif. No.

JP-20484-UL

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)



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

Model / Type Ref.

CC10-wwxyz#-E
(ww: 05, 12, 24 or 48, xx: 03, 05 or 12, y: S, z: F or R, #: A to Z or blank) or (ww: 05, 12, 24 or 48, xx: 12, y: D, z: F or R, #: 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-A6006-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

Date: 2018-11-07

Signature:

Masamichi Takagi



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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 - 3.6 Vdc, 2500 mA

(for Models CC10-ww03Sz#-E)

5 - 6 Vdc, 2000 mA

(for Models CC10-ww05Sz#-E)

12 - 15 Vdc, 800 mA

(for Model CC10-0512Sz#-E)

12 - 15 Vdc, 1000 mA

(for Models CC10-ww12Sz#-E, ww = 12, 24, 48)

±12 - ±15 Vdc, 400 mA

(for Model CC10-0512Dz#-E)

±12 - ±15 Vdc, 450 mA

(for Models CC10-ww12Dz#-E, except for ww = 05)

Additional information (if necessary)



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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

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