



Ref. Certif. No.

**JP-25559-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	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark (if any)	
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 IEC 62368-1:2020/ A11:2020. National Differences specified in the CB Test Report. <input type="checkbox"/> 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	E132035-A6017-CB-1 issued on 2021-10-20

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: 2021-10-21

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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*M. Takagi*  
Masamichi Takagi