



Ref. Certif. No.

**JP-25561-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.	CC1R5-wwxyz#-E, CC3-wwxyz#-E, and CC6-wwxyz#-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 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-A6016-CB-1 issued on 2021-10-21

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 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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*M. Takagi*  
Masamichi Takagi