

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 AKITA CORPORATION 16-57 AZA-YAMANOKAMI ISHIWAKI YURI-HONJO-SHI AKITA-KEN 015-0014 JAPAN
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> 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.	CCG30-ww-xxS (ww: 24, xx: 03, 05, 12 or 15) or (ww: 48, xx: 03, 05, 12, 15 or 48), maybe followed by suffix "abc" (a is "/" or blank, b is "N" or blank, c is "P" or blank. Note: Suffix "N" is applicable for CCG30-48-48S only.)
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 60950-1:2006/ A11:2009/ A1:2010/ A12:2011/ A2:2013. National Differences specified in the CB Test Report. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005, IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013
As shown in the Test Report Ref. No. which forms part of this Certificate	E132035-A59-CB-2 issued on 2019-05-17

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: 2019-05-17

Original Issue Date: 2018-10-12

Signature:

Masamichi Takagi



Ref. Certif. No.

JP-20423-M2-UL

Factories:

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

Ratings:

9 - 36 Vdc (for Model ww: 24, xx: 03, 05, 12 or 15)
3.2 A (for Model ww: 24, xx: 03)
4.0 A (for Model ww: 24, xx: 05 or 12)
3.9 A (for Model ww: 24, xx: 15)
18 - 76 Vdc (for Model ww: 48, , xx: 03, 05, 12, 15 or 48)
1.6 A (for Model ww: 48, xx: 03)
2.0 A (for Model ww: 48, xx: 05, 12, 15 or 48)

Additional Information:

(Technical Modification)

The original report was modified to include the following changes/additions:

- Addition of transformer (T2) with alternate construction to model CCG30-48-12S.

Additional information (if necessary)



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