



Ref. Certif. No.

**JP-12443-A1-UL**

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

**CB TEST CERTIFICATE**

Product

Switching Power Supply

Name and address of the applicant

TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER R&D DIV  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195  
JAPAN

Name and address of the manufacturer

TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER R&D DIV  
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA 940-1195  
JAPAN

Name and address of the factory

WUXI TDK-LAMBDA ELECTRONICS CO LTD  
NO 6 XING CHUANG ER LU WUXI JIANGSU 214028  
CHINA

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.

See Page 2

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.

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

E122103-A143-CB-2 issued on 2019-03-26,  
E122103-A143-CB-2 issued on 2019-03-25

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: 2019-03-27

Signature:

Original Issue Date: 2015-06-29

Masamichi Takagi

## Model Details:

HWS30A-3, HWS30A-5, HWS30A-12, HWS30A-15, HWS30A-24, HWS30A-48.

Maybe followed by optional suffix "abcde" (a is "/", b is "HD", c is "A", d is "FG", e is "DIN"; "a", "b", "c", "d", "e" may be blank)

HWS30A-3/B200V, HWS30A-5/B200V, HWS30A-12/B200V, HWS30A-15/B200V, HWS30A-24/B200V, HWS30A-48/B200V.

Maybe followed by optional suffix "bde" (b is "HD", d is "FG", e is "DIN"; "b", "d", "e" may be blank)

## Factories:

TDK-LAMBDA MALAYSIA SDN BHD  
PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI  
MALAYSIA

TDK-LAMBDA MALAYSIA SDN BHD  
LOT 2 & 3, BATU 9 3/4 KAWASAN PERINDUSTRIAN BANDAR BARU JAYA GADING 26070 KUANTAN  
MALAYSIA

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

SENDAN ELECTRONICS MFG CO LTD  
1010 HABUSHIN NANTO-SHI TOYAMA-KEN 939-1756  
JAPAN

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD  
TONGXIN RD ZHAOFENG ECONOMIC DEVELOPMENT ZONE LEYU TOWN ZHANGJIAGANG 215622 JIANGSU  
CHINA

ALPS LOGISTICS FACILITIES CO LTD  
593-1 NISHI-OHASHI TSUKUBA-SHI IBARAKI-KEN 300-0831  
JAPAN

## Ratings:

## Input:

AC100-240 V, 50-60 Hz, 0.5 A (for model HWS30A-3) and 0.7 A (for all models except for HWS30A-3)

AC200-240V, 50-60 Hz, 0.35 A (for model HWS30A-3/B200V) and 0.45 A (for models HWS30A-5/B200V, HWS30A-12/B200V, HWS30A-15/B200V, HWS30A-24/B200V, and HWS30A-48/B200V)

## Additional Information:

(Technical Modification)

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

- Addition of Model HWS30A-3/B200V, HWS30A-5/B200V, HWS30A-12/B200V, HWS30A-15/B200V, HWS30A-24/B200V and HWS30A-48/B200V

- Addition of evaluation for the following National Differences:

AR, AT, AU, BE, BG, BY, CH, CN, CZ, ES, FR, GR, HU, IE, IL, IN, IT, JP, MY, NL, NO, NZ, PL, PT, RO, SA, SG, SK, UA, ZA

- Revision of explanation for optional suffix.

[From] Maybe followed by suffix "abcd" (a is /, b is HD, c is A, d is FG, DIN; and "abcd" may be blank)

[To] Maybe followed by optional suffix "abcde" (a is "/", b is "HD", c is "A", d is "FG", e is "DIN"; "a", "b", "c", "d", "e" may be blank)

## Additional information (if necessary)



UL (US), 333 Pflingsten 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

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