

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

Input:
AC100-240 V, 50-60 Hz,
1.3 A (for model HWS150A-3) and
2.0 A (for all models except for HWS150A-3)

Trademark (if any)

TDK-Lambda

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

Model / Type Ref.

HWS150A-3, HWS150A-5, HWS150A-12, HWS150A-15,
HWS150A-24, HWS150A-48.
Maybe followed by suffix "abcde" (a is /, b is HD, c is R, d is A, B or
AB, e is FG, DIN; and "abcde" may be blank)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 2A sample of the product was tested and found
to be in conformity withIEC 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-A140-CB-2 issued on 2018-09-18

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: 2018-09-19

Original Issue Date: 2015-06-30

Signature:

Masamichi Takagi



Ref. Certif. No.

JP-12442-A2-UL

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 305-0831
JAPAN

Additional Information:

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

- Revision of input current rating from 1.4 to 1.3A [for model HWS150A-3]
- Update Copy of marking plate

Additional information (if necessary)



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: 2018-09-19

Original Issue Date: 2015-06-30

Signature:

Masamichi Takagi