



Ref. Certif. No.

JP-25632-M1-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	ALPS LOGISTICS FACILITIES CO LTD 593-1 NISHIOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831 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	100-240 Vac, 50-60 Hz, 0.8 A (for model HWS80A-3), 1.1 A (for all HWS80A series except for HWS80A-3), 1.0 A (for model HWS100A-3), 1.4 A (for all HWS100A series except for HWS100A-3)
Trademark (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. Additionally evaluated to EN IEC 62368-1:2020/ A11:2020. National Differences specified in the CB Test Report.
A sample of the product was tested and found to be in conformity with	<input checked="" type="checkbox"/> Additional Information on page 2 IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E122103-A6226-CB-1 issued on 2022-01-18

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/nbcnames

Date: 2022-01-19
Original Issue Date: 2021-11-19

Signature:
Masamichi Takagi



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Factory(ies):

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD
NO.15 TONGXIN RD, ZHAOFENG ECONOMIC DEVELOPMENT ZONE, LEYU TOWN ZHANGJIAGANG JIANGSU 215622
CHINA

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

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

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

TDK-LAMBDA (CHINA) ELECTRONICS CO LTD
NO.95, ZHUJIANG RD, XINWU DISTRICT WUXI JIANGSU 214028
CHINA

Model Detail(s):

HWS80A-3(*), HWS80A-5(*), HWS80A-12(*), HWS80A-15(*), HWS80A-24(*), HWS80A-48(*)
HWS100A-3(*), HWS100A-5(*), HWS100A-12(*), HWS100A-15(*), HWS100A-24(*), HWS100A-48(*)

(*)-Maybe followed by suffix "abcdefg"

(a is "/" or blank, b is "HD" or blank, c is "R" or blank, d is "A", "B", "AB" or blank, e is "CO2" or blank, f is "FG" or blank, g is "DIN" or blank)

HWS100A-5/E(**), HWS100A-12/E(**), HWS100A-15/E(**), HWS100A-24/E(**), HWS100A-48/E(**)

(**)-Maybe followed by suffix "abcdefg"

(a is "H" or "V", b is "HD" or blank, c is "R" or blank, d is "A" or blank, e is "CO2" or blank, f is "FG" or blank, g is "DIN" or blank.)

Summary of Modifications:

- Addition of Adhesive for Chassis (Optional), Nisshinbo Chemical Inc., Type CARBODILITE C-02 in Table 4.1.2 due to applicant's request.

Additional information (if necessary)



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M. Takagi
Masamichi Takagi