Ref. Certif. No.

JP-28646-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 NISHIOOHASH TSUKUBA-SHI IBARAKI-KEN 305-0831 JAPAN
Note: *When more than one factory, please report on page 2*	☒ 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 / Brand (if any)	TDK·Lambda
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	See Page 2
Additional information (if necessary may also be reported on page 2)	Evaluated to National Differences declared for: EN IEC 62368-1:2024/A11:2024 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 62368-1:2023
As shown in the Test Report Ref. No. which forms part of this Certificate	E122103-A6327-CB-1 issued on 2026-05-07

This CB Test Certificate is issued by the National Certification Body

UL Solutions

☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☐ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☒ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
☐ UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2026-05-07

Signature: M. Takagi

Masamichi Takagi

Ref. Certif. No.

JP-28646-UL

Factory(ies):
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.)

Additional information (if necessary)

☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☐ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☒ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
☐ UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2026-05-07

Signature:

Masamichi Takagi