



Ref. Certif. No.

JP-25378-M1-UL

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

CB TEST CERTIFICATE

Product	AC-DC 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 <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input: 100-240VAC, 50-60Hz, 0.13A (KWS5A series) 100-240VAC, 50-60Hz, 0.25A (KWS10A series)
Trademark / Brand (if any)	TDK-Lambda
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	KWS5A-5, KWS5A-12, KWS5A-15, KWS5A-24. KWS10A-5, KWS10A-12, KWS10A-15, KWS10A-24
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. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E122103-A6143-CB-1 issued on 2022-11-22

This CB Test Certificate is issued by the National Certification Body



- 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: 2022-11-22
Original Issue Date: 2021-08-10

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
PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR
MALAYSIA

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

Summary of Modifications:

- Addition of alternate Barrier Insulation tape, 3M Company, type 1350T-1 (b).;
- Update of Component Layout and Pattern trace due to Minor change.;
- Update of Standard information in Table 4.1.2.;
- Update of National Differences based on the latest Test Report Form No.

Additional information (if necessary)



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