



Ref. Certif. No.

**JP-25669-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"/> <a href="#">Additional Information on page 2</a>
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input: 100-240 V, AC 50-60 Hz, 0.56 A Output: See Test Report.
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	KWS25A-5, KWS25A-12, KWS25A-15, KWS25A-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"/> <a href="#">Additional Information on page 2</a>
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-A6200-CB-1 issued on 2024-04-08

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](http://www.ul.com/ncbnames)

Date: 2024-04-09  
Original Issue Date: 2021-11-30

Signature:  
Masamichi Takagi



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**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

**Summary of Modifications:**

- Addition of China National Differences and Japan National Differences.
- Update of U.S.A and Canada National Differences.
- Deletion of Factory, ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD.
- Addition of Tube for Lead of Fuse (F1), Sumitomo Electric Fine Polymer Inc., type 806 (IRRAXTUBE V2).
- Addition of Tube for Lead of L51, D51, Nikkan Industries Co., Ltd., type S-693V-600, S-693-600, E-651U-1 and Essex Furukawa Magnet Wire Japan Co., Ltd., type PI-Tube.
- Addition of Alternate Capacitor (C1), Panasonic Industry Co., Ltd., type ECQUA, TDK (Zhuhai FTZ) Co., Ltd., type B3292, B3293, Xiamen Faratronic Co., Ltd., type MKP62, Eurotronic (Suzhou) Co., Ltd., type MPX2 and Okaya Electric Industries Co., Ltd., type LE\*.
- Addition of Alternate Photo Coupler (PC101), Renesas Electronics Corporation, type PS2861B-1 and Everlight Electronics Co., Ltd., type EL3H7 V.
- Addition of Bridging Capacitor (C50), Murata Mfg Co., Ltd., type RA-Series and TDK Corporation, type CD series.
- Update of manufacturer name, model name, standard and/or Mark of conformity of some components of table 4.1.2.
- Addition of Alternate Construction.

**Additional information (if necessary)**



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- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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