



Ref. Certif. No.

**JP-22049-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

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)



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

Model / Type Ref.

KWD5-1212, KWD5-1515, KWD10-1212, KWD10-1515,  
KWD15-1212, KWD15-1515

Additional information (if necessary may also be reported on page 2)

(Technical Modification)  
Additionally evaluated to EN 62368-1:2014/ A11:2017.  
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 62368-1:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

E122103-A6073-CB-1 issued on 2020-10-02

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

Date: 2020-10-02

Original Issue Date: 2020-08-27

Signature:

Masamichi Takagi



Ref. Certif. No.

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**Factories:**

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

**Ratings:**

- 100-240V~, 0.2A, 50/60Hz [Models KWD5-1212, KWD5-1515]
- 100-240V~, 0.3A, 50/60Hz [Models KWD10-1212, KWD10-1515]
- 100-240V~, 0.4A, 50/60Hz [Models KWD15-1212, KWD15-1515]

Refer to Product description for output ratings in test report.

**Additional Information:**

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

- Addition of model KWD10-1212 and KWD10-1515.
- Correction of type in table: Distance through insulation measurements.
- Modification width of dummy tape in Transformer (T1), from 2.2 mm to 2.0 mm.
- Update TABLE: Minimum Clearances/Creepage distance to clarify the required creepage distances.

**Additional information (if necessary)**



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