



Ref. Certif. No.

**JP-25644-M2-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	TDK-LAMBDA MALAYSIA SDN BHD PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR MALAYSIA <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 Vac, 1.1-0.55 A, 50-60 Hz (Output Voltage Type A) 100-240 Vac, 1.5-0.75 A, 50-60 Hz (Other models) Output: (See test report for detail.)
Trademark / Brand (if any)	TDK or TDK-Lambda <b><i>TDK-Lambda</i></b>
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. <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2-3</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-A6203-CB-1 issued on 2024-02-19

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pflingsten 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: 2024-02-20  
Original Issue Date: 2021-11-26

Signature:  
Masamichi Takagi



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**Factory(ies):**

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

ALPS LOGISTICS FACILITIES CO LTD  
593-1 NISHIOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831  
JAPAN

**Model Detail(s):**

RTWx-y (RTW100W series)

RTWx-y# (RTW100W series)

RTWx-y\* (RTW100W series)

"x" = 1 to 999 and may include a period after the first or second digit (if more than one digit). "y" = 1 to 999 may include a period after the first or second digit (if more than one digit), or the letter R and which may be followed by the letter K or 0 to 9.

"#" = "A", "B", "D", "J", "L", "M" or "U".

"\*" = "C", "E", "G", "H", "N", "S", "T" or "V".

**Summary of Modifications:**

- Additional evaluation of National Differences for IEC 62368-1:2018 fulfilling the requirements of J62368-1(2023).;
- Additional evaluation of National Differences for IEC 62368-1:2018 fulfilling the requirements of GB 4943.1-2022.;
- Update of required clearances distances in table 5.4.2, 5.4.3, due to the requirements of GB 4943.1-2022.
- Addition of alternate PWB construction for Model with Output Voltage Type A due to following changes.

Change of IC103 to 6pin from 5pin.

Addition of C130 and C131.

- Correction of typo Technical data of Terminal Block/ JT1, Type 3JT0AG092 or 3JT1AG092 to "300 Vac" from "300 Vdc".

- Update of Manufacture name of X-Capacitor/ C1, C31, Type ECQUL to "Panasonic Industry Co. Ltd." from "Panasonic Corporation".

- Update of Manufacture name of Alternate X-Capacitor/ C1, C31, Type ECQUA to "Panasonic Industry Co. Ltd." from "Panasonic Corporation".

- Correction of typo Type of Alternate X-Capacitor/ C1, C31, to "B3292" from "B3292#".

- Correction of typo Type of Alternate X-Capacitor/ C1, C31, to "B3293" from "B3293#".

- Update of mark(s) of conformity of X-Capacitor/ C1, C31 in Table 4.1.2.

- Addition of following Alternate X-Capacitor/ C1, C31

Xiamen Faratronic Co. Ltd., Type MKP62

Euoprotronic (SuZhou) Co. Ltd., Type MPX2

- Correction of typo Type of Y-Capacitor/ C2, C3, C25, to "CD series" from "CD".

- Correction of typo Technical data of Alternate Y-Capacitor/ C2, C3, C25, Type KX to "250/300 Vac" from "250 Vac".

- Update of Manufacture name of Varistor/ CR2, Type V10471U (ERZV10D471) to "Panasonic Industry Co. Ltd." from "Panasonic Corporation".

**Additional information (if necessary)**



- UL Solutions (US), 333 Pflugsten Rd IL 60062, Northbrook, USA
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**Summary of Modifications:**

- Update of Manufacture name of Varistor/ CR2, Type S10K300E2 or S10K300E2K1 to "TDK Electronics GmbH & Co OG" from "EPCOS OHG".
- Update of Manufacture name of Alternate Secondary wire of T3, Type TIW-2 or TIW-3 to "Totoku Inc." from "Totoku Electric Co., Ltd.".
- Update of Manufacture name of Insulation Sheet [U Shape (Between Frame & PWB, Between Cover & Primary Components)], Type Formex-(a)(b)(F2) to "Formex, Div. of Illinois Tool Works Inc. or ITW Materials Technology (Shanghai) Co., Ltd." from "Formex, Div. of Illinois Tool Works Inc. or ITW Electronics Components/ Products (Shanghai) Co., Ltd.".
- Update of Manufacture name of Alternate Insulation Sheet [U Shape (Between Frame & PWB, Between Cover & Primary Components)], Type Lexan FR60 to "Sabic Innovative Plastics B V, Sabic Innovative Plastics US L L C, Sabic Japan L L C" from "SABIC INNOVATIVE PLASTICS B V, SABIC INNOVATIVE PLASTICS US L L C, SABIC JAPAN L L C".
- Addition of following Insulation Tube for R129 and R30  
Sumitomo Electric Fine Polymer Inc., Type 940 or SUMITUBE F2(Z) or SUMITUBE T82  
Tyco Electronics Corp., Type Versafit V2 or V2
- Addition of Alternate Transformer/ T2, TDK Corporation, Type G09221x (x=A to Z, or blank).

**Additional information (if necessary)**



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