



Ref. Certif. No.

JP-22239-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 CORP
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN
940-1195
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.

See Page 2

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

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-A6006-CB-2 issued on 2020-10-27

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

Date: 2020-10-28

Signature:

Masamichi Takagi



Ref. Certif. No.

JP-22239-UL

Model Details:

HWS600-#(*)

represents nominal output voltage value either 3, 5, 12, 15, 24, 48 or 55

(*) - may be followed by optional suffix a, b, c, d and/or e denoting minor variations: where a is "/", b is "PV", c is "CO" or "HD", d is "LLF", e is "MF"

HWS600-24(**)

(**) - followed by suffix "/RY", "/RYCO", "/RYLLF", "/RYHD" or "/MESC"

HWS600-12/RF,

HWS600-42/DS,

HWS600-48/HKM, HWS600-48/PVLNF

HWS600P-%(***), HWS600PCN-\$(***)

% represents nominal output voltage value either 24, 36 or 48

\$ represents nominal output voltage value either 24 or 30

(***) - HWS600P-% and HWS600PCN-\$ may be followed by optional suffix a, b, c, d and/or e denoting minor variations: where a is "/", b is "PV", c is "CO" or "HD", d is "LLF", e is "MF"

HWS600P-24(****), HWS600PCN-24(****)

(****) - followed by suffix "/RY", "/RYCO", "/RYLLF", or "/RYHD"

HWS600-24/LNT(*****), HWS600-48/LNT(*****)

(*****) - may be followed by optional suffix b and/or c denoting minor variations: where b is "PV", c is "CO" or "HD"

Factories:

TDK-LAMBDA MALAYSIA SDN BHD

PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR
MALAYSIA

TDK-LAMBDA MALAYSIA SDN BHD

LOT 2 & 3, BATU 9 3/4 KAWASAN PERINDUSTRIAN BANDAR BARU JAYA GADING 26070 KUANTAN PAHANG
MALAYSIA

TDK-LAMBDA (CHINA) ELECTRONICS CO LTD

NO.95,ZHUJIANG RD, XINWU DISTRICT WUXI JIANGSU 214028
CHINA

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD

NO.15 TONGXIN RD, ZHAOFENG ECONOMIC DEVELOPMENT ZONE, LEYU TOWN ZHANGJIAGANG JIANGSU
215622
CHINA

ALPS LOGISTICS FACILITIES CO LTD

593-1 NISHIOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831
JAPAN

SENDAN ELECTRONICS MFG CO LTD

1010 HABUSHIN NANTO-SHI TOYAMA-KEN 939-1756
JAPAN

Ratings:

Input: AC 100-240 V, 50/60 Hz, 8.2 A

(for Models except for HWS600P-24, HWS600PCN-24, HWS600PCN-30, HWS600P-36, and HWS600P-48)

Input: AC 100-240 V, 50/60 Hz, 8.7 A

(for Models HWS600P-24, HWS600PCN-24, HWS600PCN-30, HWS600P-36, and HWS600P-48)

Output: Refer to Test Report

Additional information (if necessary)



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/nbcnames

Date: 2020-10-28

Signature:

Masamichi Takagi