

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

CB TEST CERTIFICATE

Product

Built in 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 (China) Electronics Co., Ltd.
No.95, Zhujiang Rd, Xinwu District,
Wuxi JiangSu China

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)

TDK-Lambda

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

Model / Type Ref.

HWS1000L-X /YYYYYYYY, SWS1000L-X /YYYYYYYY
See Page 2

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

The report was revised to include administrative modifications.

 Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005

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

E309264-D1011-1/A1/C0-CB issued on 2020-03-09

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: 2020-03-11

Signature:

Original Issue Date: 2015-07-13

Jolanta M. Wroblewska



Ref. Certif. No.

US-25554-A1-UL

Model Details:

HWS1000L-X /YYYYYYY, SWS1000L-X /YYYYYYY where X can be 3, 5, 12, 15, 24, 36, 48, or 60; and /YYYYYYY can be /RF, /RFHC, /RFCO2, /HC, /HCCO2, /CO2, /RFHCCO2, /LLF, /LLFCO2, /BATz (z = blank or 3 digit max which consist of 0 to 9 and/or A to Z) or blank.

Factories:

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

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

SENDAN ELECTRONICS MFG CO LTD
1010 HABUSHIN
NANTO-SHI TOYAMA-KEN 939-1756 JAPAN

Ratings:

Input: 100-240 VAC, 50/60 Hz, 13 A

Outputs:

- HWS1000L-3, SWS1000L-3; 3.3 Vdc, 200 A
- HWS1000L-5, SWS1000L-5; 5 Vdc, max. 200 A (4-6 Vdc, max. 200 A and 1000 W)
- HWS1000L-12, SWS1000L-12; 12 Vdc, max. 88 A (9.6-14.4 Vdc, max. 88 A and 1056 W)
- HWS1000L-15, SWS1000L-15; 15 Vdc, max. 70 A (12-19.5 Vdc, max. 70 A and 1050 W)
- HWS1000L-24, SWS1000L-24; 24 Vdc, max. 44 A (19.2-28.8 Vdc, max. 44 A and 1056 W)
- HWS1000L-36, SWS1000L-36; 36 Vdc, max. 29 A (28.8-43.2 Vdc, max. 29 A and 1044 W)
- HWS1000L-48, SWS1000L-48; 48 Vdc, max. 22 A (38.4-56 Vdc, max. 22 A and 1056 W)
- HWS1000L-60, SWS1000L-60; 60 Vdc, max. 17 A (48-66 Vdc, max. 17 A and 1020 W)

NOTE: Ratings in the parentheses are for reference only. These are not indicated on the device rating label.

Additional Information:

National Differences specified in the CB Test Report. Risk management was not included in this investigation.

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

- Addition and deletion of factory. See CBTR for details.

Additional information (if necessary)



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