

DEMKO CERTIFICATE

Certificate No. D-07169-M4
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Date of Issue 2020-10-30

Certificate Holder TDK-LAMBDA CORP
NAGAOKA TECHNICAL CENTER
R&D DIV
2704-1 SETTAYA-MACHI
NAGAOKA-SHI
NIIGATA 940-1195 JAPAN

Manufacturer TDK-LAMBDA CORP
NAGAOKA TECHNICAL CENTER
R&D DIV
2704-1 SETTAYA-MACHI
NAGAOKA-SHI
NIIGATA 940-1195 JAPAN

Production site TDK-LAMBDA CORP
2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195
JAPAN

See Page 2

Certified Product Model Switching Power Supply
HWS600-12/RF, HWS600-42/DS, HWS600-48/HKM,
HWS600-48/PVLNF, HWS600-#(*), See Page 2

Trademark

TDK-Lambda

Rated Voltage / Frequency

See Page 2

Rated Current / Power

See Page 2

Insulation Class

Not classified

Degree of protection (IP)

IP class not assigned because of building-in compo

Tested acc. to

EN 62368-1:2014/A11:2017, EN 62368-1:2014

Test Report No.

E122103-A6006-CB-2 issued on 2020-10-27

Additional

for building-in

The report was revised to include Technical Modification(s)

Expire date

2029-03-19

Certification Manager
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D-Mark Requirements. As specified in the respective appendix below the Designated Certificate holder is entitled to use the D-Mark, or its alternative for cables, for the Certified Product manufactured at the production site(s) identified above, in accordance with the D-Mark Service Agreement, including without limitation the D-Mark Testing and Certification Services Service Terms. Only those Products bearing the D-Mark should be considered as being covered by UL's D-Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65,
info.dk@ul.com
www.UL.com



Appendix DEMKO CERTIFICATE

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Model Details:

HWS600PCN-\$(**)

\$ 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-%(**)

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

(**) - 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-#(*)

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"

HWS600-24/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".

Production Sites:

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

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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:

This Certificate replaces earlier issued certificate No. D-07169-M3 due to:

- Addition of model HWS600-24/LNT(****) and HWS600-48/LNT(****).

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Certification Mark D-Mark

The D-Mark, as displayed below, shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible.



The size of the Mark may be reduced or enlarged on the condition that it remains readable and that the proportions of width and height are kept. The use of dark text for the D-Mark on light backgrounds and light text on dark backgrounds is permitted.

When putting the product on the EU market, the manufacturer's name, trademark or mark of origin must be affixed in a clearly visible location and position on the product, on the package and in the user manual. It can be affixed by label, be directly imprinted, or cast or molded into the product.

Alternate certification Mark for cables

As an alternative to the D-Mark specified above the alternate D-Mark, displayed below, can appear on certified cables only. Minimum size is not specified, as long as the mark is legible.

◁DEMKO▷

The alternate D-Mark may be cast, stamped or moulded into the cable and continue throughout the length of the cable as specified in the applicable cable standard.

All content shall be in accordance with the details provided on this D-Mark Certificate.

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