

DEMKO CERTIFICATE

Certificate No. D-07000-M1
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Date of Issue 2020-04-15

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 (CHINA) ELECTRONICS CO LTD
NO.95,ZHUJIANG RD, XINWU DISTRICT WUXI JIANGSU 214028
CHINA

See Page 2

Certified Product Model Switching Power Supply
PFE300SA-abcd, PFE500SA-28/TVK, PFE500SA-48/ES,
PFE500SA-48/ES, PFE500SA-abcd, PFE700SA-48bcd
See Page 2

Trademark

TDK-Lambda

Rated Voltage / Frequency See Page 2

Rated Current / Power See Page 2

Insulation Class Class I

Degree of protection (IP) IP is not classified (for building-in)

Tested acc. to EN 62368-1:2014/A11:2017, EN 62368-1:2014

Test Report No. E122103-A6034-CB-1 issued on 2020-04-03

Additional The report was revised to include technical modifications.

Expire date 2028-12-27

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. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> 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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior to the expiration date.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-europe.com



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Model Details:

PFE300SA-abcd,PFE500SA-28/TVK,PFE500SA-48/ES,PFE500SA-48/TES,PFE500SA-abcd,PFE700SA-48bcd Suffix:

a = 12, 28, 48.
b = "/" or blank.
c = T or blank.
d = G or blank

/TVK = No threads in the corner studs and auto-restart for over voltage protection and over temperature protection.

/ES = Output / interface voltage is at ES1 level.

/TES = No threads in the corner studs and Output / interface voltage is at ES1 level.

Production Sites:

TDK-LAMBDA MALAYSIA SDN BHD
PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR
MALAYSIA

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

Ratings:

Input:

AC 100-240V, 50-60Hz,
5A (for PFE500SA-12bcd),
6A (for PFE500SA-28bcd, PFE500SA-48bcd, PFE500SA-28/TVK, PFE500SA-48/ES, PFE500SA-48/TES)
4A (for PFE300SA-abcd)
9.5A (for PFE700SA-48bcd)

Output:

PFE500SA-12: DC 12V (DC 9.6-14.4V), max. 33A, max. 396W
PFE500SA-28, PFE500SA-28/TVK: DC 28V (DC 22.4-33.6V), max. 18A, max. 504W
PFE500SA-48: DC 48V (DC 38.4-57.6V), max. 10.5A, max. 504W
PFE500SA-48/ES, PFE500SA-48/TES: DC 48V (DC 38.4-51.0V), max. 10.5A, max. 504W
PFE300SA-12: DC 12V (DC 9.6-14.4V), max. 25A, max. 300W
PFE300SA-28: DC 28V (DC 22.4-33.6V), max. 10.8A, max. 302.4W
PFE300SA-48: DC 48V (DC 38.4-57.6V), max. 6.3A, max. 302.4W
PFE700SA-48: DC 51V (DC 50-57V), max. 14A, max. 714W

Additional Information:

This certificate replaces the certificate No. D-07000, issued on 2018-12-28 due to
- Update factories.
- Addition of evaluation for Japan National Differences.

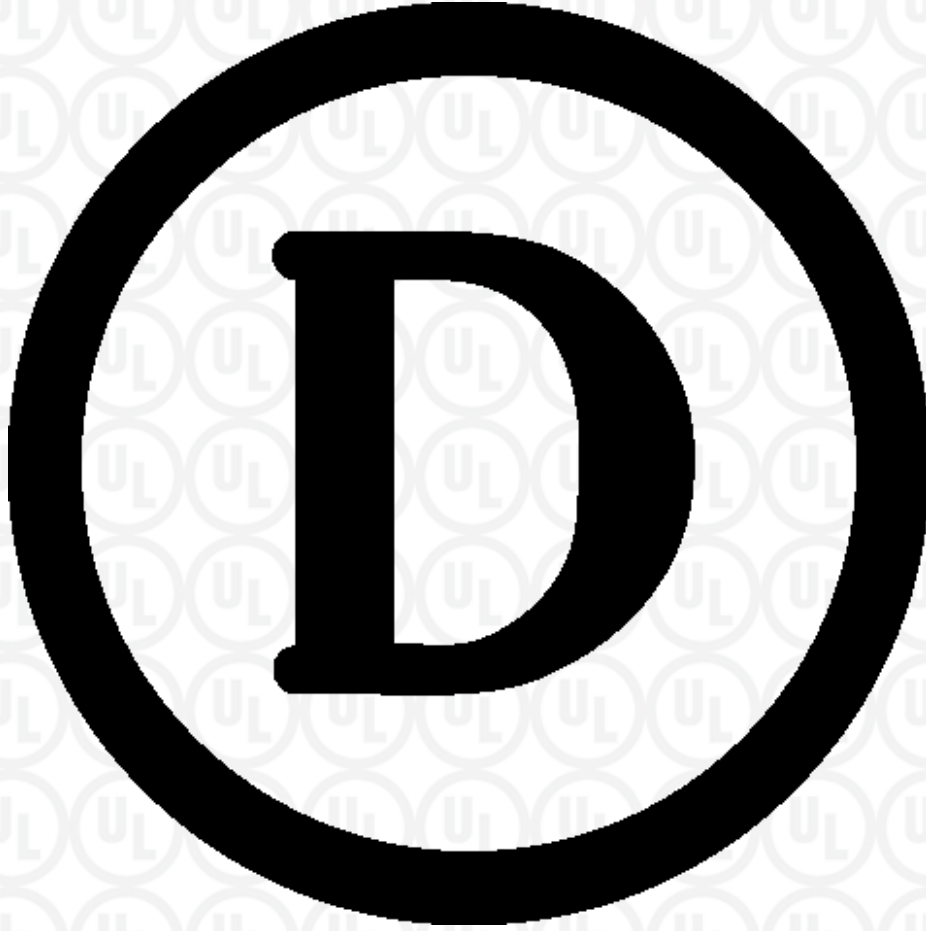
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