

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

CTF Stage 1

## Model / Type Ref.

See Page 2

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

(Technical Modification)  
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-A6034-CB-1 issued on 2020-04-03

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](http://www.ul.com/ncbnames)

Date: 2020-04-07

Signature:

Original Issue Date: 2018-12-27

Masamichi Takagi

## Model Details:

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

## 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.

## Factories:

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:

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

- Change of 1 factory.
- Change of 1 factory address.
- Addition of evaluation for Japan National Differences.

## Additional information (if necessary)



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