

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

## CB TEST CERTIFICATE

Product

DC-DC Converters

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 MALAYSIA SDN BHD  
PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI  
JOHOR  
MALAYSIA

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)

(Administrative 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-A6078-CB-1 issued on 2020-05-19

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: 2020-05-21

Signature:

Original Issue Date: 2019-09-13

Masamichi Takagi

## Model Details:

- 1) PAF500F48-3.3, PAF500F48-5, PAF500F48-12, PAF500F48-28
- 2) PAF500F48-12/NTL
- 3) PAF500F24-12
- 4) PAF500F24-28

Models may be followed by optional suffix denoting minor variations which are not related to safety aspects : "/" and any alphanumeric characters.

## Factories:

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

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

## Ratings:

## Input:

- 1) 36-76Vdc, 18A
- 2) 36-76Vdc, 12.5A
- 3) 19-36Vdc, 36A
- 4) 18-36Vdc, 36A

## Output:

PAF500F48-3.3: 3.3Vdc, 80A  
PAF500F48-5: 5Vd, 80A  
PAF500F48-12: 12Vdc, 42A  
PAF500F48-28: 28Vdc, 18A  
PAF500F48-12/NTL: 12Vdc, 29.2A  
PAF500F24-12: 12Vdc, 42A  
PAF500F24-28: 28Vdc, 18A

Maximum Output Power: 504W

## Additional Information:

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

- Change of factory address as below:

(From)

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

(To)

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

- Change of factory as below:

(From)

WUXI TDK-LAMBDA ELECTRONICS CO LTD  
NO 6 XING CHUANG ER LU WUXI JIANGSU 214028 CHINA

(To)

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

## 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

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Masamichi Takagi