

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

CB TEST CERTIFICATE

Product

DC-DC Converter

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

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 or **TDK-Lambda**

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)

(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-A6029-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

Date: 2020-05-21

Signature:

Original Issue Date: 2018-09-20

Masamichi Takagi

Model Details:

- 1) PAE50S24-* (* = 5 or 6)
- 2) PAE50S48-*** (***) = 1R8, 2R5, 3R3, 5)
- 3) PAE100S48-*** (***) = 1R8, 2R5, 3R3, 5), PAE100S48-3R3/H

Factories:

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

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

Ratings:

- 1) Input: 18-36Vdc, 3.10A max. (2.32A at 24Vdc), Output: 5V, 10A for model PAE50S24-5
Input: 18-36Vdc, 3.10A max. (2.33A at 24Vdc), Output: 6V, 8.4A for model PAE50S24-6
- 2) Input: 36-76Vdc, 1.75A max. (0.86A at 48Vdc), Output: 1.8V, 20A for model PAE50S48-1R8
Input: 36-76Vdc, 1.98A max. (1.06A at 48Vdc), Output: 2.5V, 18A for model PAE50S48-2R5
Input: 36-76Vdc, 2.56A max. (1.22A at 48Vdc), Output: 3.3V, 16A for model PAE50S48-3R3
Input: 36-76Vdc, 3.12A max. (1.20A at 48Vdc), Output: 5V, 10A for model PAE50S48-5
- 3) Input: 36-76Vdc, 1.75A max. (1.30A at 48Vdc), Output: 1.8V, 30A for model PAE100S48-1R8
Input: 36-76Vdc, 1.98A max. (1.47A at 48Vdc), Output: 2.5V, 25A for model PAE100S48-2R5
Input: 36-76Vdc, 2.56A max. (1.91A at 48Vdc), Output: 3.3V, 25A for model PAE100S48-3R3
Input: 36-76Vdc, 3.12A max. (2.31A at 48Vdc), Output: 3.3V, 30A for model PAE100S48-3R3/H
Input: 36-76Vdc, 3.12A max. (2.32A at 48Vdc), Output: 5V, 20A for model PAE100S48-5

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

- Update trademark image to the latest version

- Addition of evaluation for Japan National Differences.

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



UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2020-05-21

Original Issue Date: 2018-09-20

Signature:

Masamichi Takagi

