Ref. Certif. No.

JP-20624-M2-UL

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 Note: *When more than one factory, please report on page 2*	TDK-LAMBDA CORP 2704-1 SETTAYA-MACHI NAGAOKA-SHI NIIGATA-KEN 940-1195 JAPAN ☒ Additional Information on page 2
Ratings and principal characteristics	1) Input: 20-36Vdc, 43A, Output: 12Vdc, 50A 2) Input: 19-36Vdc, 43A, Output: 28Vdc, 21.5A 3) Input: 36-76Vdc, 21A, Output: 12Vdc, 50A 4) Input: 36-76Vdc, 21A, Output: 28Vdc, 21.5A
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-A6055-CB-1 issued on 2020-07-21

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: 2020-07-22
Original Issue Date: 2019-01-16

Signature: M. Takagi

Masamichi Takagi

	Ref. Certif. No.
	JP-20624-M2-UL

Model Details:
1) PAF600F24-12
2) PAF600F24-28
3) PAF600F48-12
4) PAF600F48-28
Models may be followed by optional suffix denoting minor variations which are not related to safety aspects : “/” and any alphanumeric characters.

Factories:
TDK-LAMBDA 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

TDK-LAMBDA MALAYSIA SDN BHD
LOT 2 & 3, BATU 9 3/4 KAWASAN PERINDUSTRIAN BANDAR BARU JAYA GADING 26070 KUANTAN PAHANG
MALAYSIA

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD
NO.15 TONGXIN RD, ZHAOFENG ECONOMIC DEVELOPMENT ZONE, LEYU TOWN ZHANGJIAGANG JIANGSU 215622
CHINA

Additional Information:
The original report was modified to include the following changes/additions:
- Addition of alternate Opto coupler (PC1, PC2), Toshiba Electronic Devices & Storage Corporation, Type TLP291.

Additional information (if necessary)

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Masamichi Takagi