Ref. Certif. No.

JP-25616-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 MALAYSIA SDN BHD PLO33 KAWASAN PERINDUSTRIAN SENAI 81400 SENAI JOHOR MALAYSIA ☒ Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark (if any)	TDK·Lambda LAMBDA DENSEI-LAMBDA
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	See Page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN IEC 62368-1:2020/ A11:2020. 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 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E122103-A6170-CB-1 issued on 2021-11-15

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: 2021-11-16

Signature: M. Takagi
Masamichi Takagi

Ref. Certif. No.

JP-25616-UL

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

Model Detail(s):
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.

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 (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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Date: 2021-11-16

Signature:
Masamichi Takagi