

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

ALPS LOGISTICS FACILITIES CO LTD  
593-1 NISHIOHASHI TSUKUBA-SHI IBARAKI-KEN 305-0831  
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**

Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

EZA2500-32048ab, EZA2500-32048 HBDab  
(a is "CO", "FC" or  
blank, b is "N" or blank)  
EZA2500W-32048c (c is "NC", "MP", "PE", or blank)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 2A 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-A6033-CB-1 issued on 2020-03-23

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: 2020-03-27

Signature:

Original Issue Date: 2018-10-30

Masamichi Takagi



Factories:

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

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

SENDAN ELECTRONICS MFG CO LTD  
1010 HABUSHIN NANTO-SHI TOYAMA-KEN 939-1756  
JAPAN

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

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:

EZA2500-32048  
HVDC  
INPUT: DC300-380V, 8.5A  
OUTPUT: DC320V, 7.8A  
LVDC  
INPUT: DC36-60V, 56.0A  
OUTPUT: DC48V, 52.0A

EZA2500W-32048  
HVDC  
INPUT: DC260-400V, 8.5A  
OUTPUT: DC320V, 7.8A  
LVDC  
INPUT: DC36-65V, 56.0A  
OUTPUT: DC48V, 52.0A

Refer to Test Report for detail.

Additional Information:

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

- Revision of Technical data of FET (Q1, Q2, Q3, Q4).
- Addition of alternate Capacitor (C10, C11, C12), Murata Mfg Co., Ltd., Type RA.
- Addition of alternate Capacitor (C16, C17), Murata Mfg Co., Ltd., Type RA.
- Change manufacturer's name to Uchihashi Estec Co., Ltd. for Fusing Resister (TFR201, TFR202), Type F5K6R8J14.
- Addition of alternate Fusing Resister (TFR201, TFR202), Uchihashi Estec Co., Ltd., Type A5MC.
- Addition of alternate Capacitor (C51, C52), Murata Mfg Co., Ltd., Type RA.
- Revision of Technical data of Optocoupler (PC2502), TLP715F.
- Addition of alternate Optocoupler (PC2502), Toshiba Electronic Devices & Storage Corporation., Type TLP2745.
- Modified pattern trace layout on PWB: Part No. PZV-002, PZV-004, and PZV-022.
- Change of 3 factories address
- Change of 1 factory
- 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
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Masamichi Takagi