

# DEMKO CERTIFICATE

**Certificate No.** D-06883-M1  
**Page** 1/4  
**Date of Issue** 2019-03-12

**Certificate Holder** TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER  
R&D DIV  
2704-1 SETTAYA-MACHI  
NAGAOKA-SHI  
NIIGATA 940-1195 JAPAN

**Manufacturer** TDK-LAMBDA CORP  
NAGAOKA TECHNICAL CENTER  
R&D DIV  
2704-1 SETTAYA-MACHI  
NAGAOKA-SHI  
NIIGATA 940-1195 JAPAN

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

See Page 2

**Certified Product Model** Switching Power Supply  
CME1500A-12, CME1500A-15, CME1500A-24, CME1500A-36,  
CME1500A-48, CUS1500M-12, See Page 2

**Trademark** ***TDK-Lambda***

**Rated Voltage / Frequency** 100-240 Vac, 50-60 Hz

**Rated Current / Power** 19.0 A

**Insulation Class** Class I

**Degree of protection (IP)** IPX0

**Tested acc. to** EN 62368-1:2014/A11:2017, EN 62368-1:2014

**Test Report No.** E122103-A6022-CB-1 issued on 2019-03-07

**Additional** The report was revised to include technical modifications,  
See page 3

**Expire date** 2028-11-06

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**Certification Manager**  
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D Mark Requirements. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> for the Certified Product manufactured at the production site(s) identified above, in accordance with the D Mark Service Agreement, including without limitation the D Mark Testing and Certification Services Service Terms. Only those Products bearing the D Mark should be considered as being covered by UL's D Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.

**Certification Body** UL International Demko A/S, Borupvang 5A, DK-2750  
Ballerup, Denmark, Tel. +45 44 85 65 65,  
info.dk@ul.com  
www.ul-europe.com



# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06883-M1  
**Page** 2/4  
**Date of Issue** 2019-03-12

**Model Details:**

RWS1500B-12, RWS1500B-15, RWS1500B-24, RWS1500B-36, RWS1500B-48 Maybe followed by|suffix "abcde" (a is /, b is R or S, c is CO2, d is FO, e is RF and "a", "b", "c", "d" and "e" may be blank)

CME1500A-12, CME1500A-15, CME1500A-24, CME1500A-36, CME1500A-48, CUS1500M-12, CUS1500M-15, CUS1500M-24, CUS1500M-36, CUS1500M-48, may be followed by suffix "vwxy" (v is /, w is CO2, x is RF, y is SF; and "v", "w", "x", "y" may be blank)

**Production Sites:**

ZHANGJIAGANG HUA YANG ELECTRONICS CO LTD  
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

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

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**Certification Body**

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# Appendix DEMKO CERTIFICATE

**Certificate No.** D-06883-M1  
**Page** 3/4  
**Date of Issue** 2019-03-12

## Additional Information: for building-in

This Certificate replace earlier issued Demko certificate No. D-06883 issued on 2018-11-07 due to:

- Addition of alternate Bleeder Resistors (R101, R102, R103, R104, R159, R160), KOA CORP. Type RK73H2BTDD1203F.
- Addition of alternate Diode Bridges (D1, D2), SHINDENGEN CORP., Type D25XB60.
- Addition of alternate Capacitors (C12, C13), NIPPON CHEMI-CON CORP., type ECST421VSN621MR50S.
- Addition of alternate FETs (Q5, Q6), ROHM SEMICONDUCTOR CORP., type R6047ENZ1C9.
- Correction of Insulation System of (T401) [for A27450x] form NLB5, Class B to NLF2, Class F.
- Correction of type name of Alternate Support Sheet located between PWB and Insulation sheet of Chassis, from FSL400BS to TIM-FSL400BS.
- Addition of "(Optional)" to "Support Sheet located between PWB and Insulation sheet of Chassis" and "Alternate Support Sheet located between PWB and Insulation sheet of Chassis".

<Model CME1500A/RF and CUS1500M/RF only>

- Rotational speed in low speed of fan motor changed from 3900 rpm to 5400 rpm. Fan motor (type 9G0612H4) had no change.
- Application of fan flow barrier restricted to 12 V and 15 V output from 12 V, 15 V, 24 V, 36 V, and 48 V output.
- Minor change of secondary circuit
- Change of Insulation System of (T401) from NLB5 to NLF2.

<Model RWS1500B/RF, CME1500A/RF, and CUS1500M/RF (models with suffix "RF") only>

- Shape of insulation sheet for cover changed.

<Model RWS1500B series only>

- Addition of alternate DC fan motor, type 06025DE-12R.

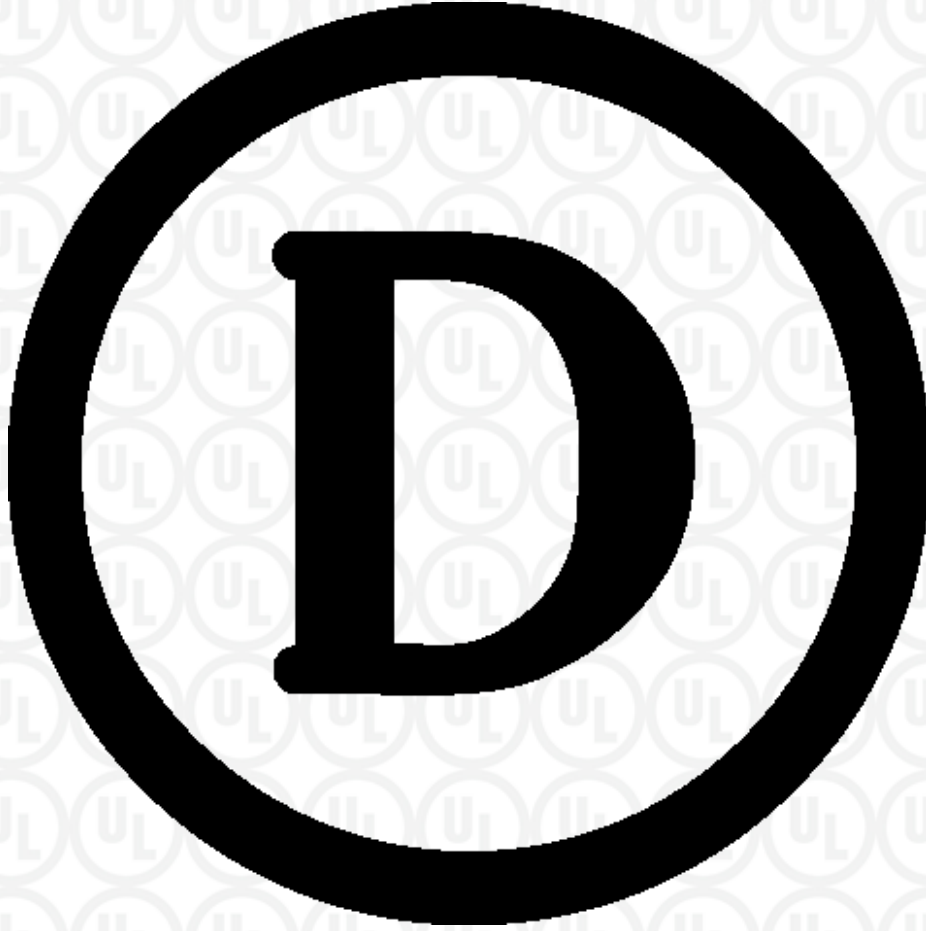
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# Appendix DEMKO CERTIFICATE

Certificate No. D-06883-M1  
Page 4/4  
Date of Issue 2019-03-12



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