



Ref. Certif. No.

DK-44432-M1-UL

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product
Produit

Power Supply

Name and address of the applicant
Nom et adresse du demandeur

TDK-LAMBDA UK LTD
KINGSLEY AVE ILFRACOMBE DEVON EX34 8ES
UNITED KINGDOM

Name and address of the manufacturer
Nom et adresse du fabricant

TDK-LAMBDA UK LTD
KINGSLEY AVE ILFRACOMBE DEVON EX34 8ES
UNITED KINGDOM

Name and address of the factory
Nom et adresse de l'usine

TDK-LAMBDA UK LTD
KINGSLEY AVE ILFRACOMBE DEVON EX34 8ES
UNITED KINGDOM

Note: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{ème} page

Additional Information on page 2

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

133-318Vdc nom
100-240Vac nom, 45-440Hz
4.7A rms max, 3.8Adc max.

Trademark (if any)
Marque de fabrique (si elle existe)

TDK-Lambda



Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

CTF Stage 3

Model / Type Ref.
Ref. De type

EFE300 Series
See Page 2

Additional information (if necessary may also be reported on page 2)
Les informations complémentaires (si nécessaire,, peuvent être indiqués sur la 2^{ème} page

Additional Information on page 2

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC 60950-1(ed.2);am2

As shown in the Test Report Ref. No. which forms part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue partie de ce Certificat

E135494-A33-CB-4 issued on 2015-03-27

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**



- 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: 2016-03-08
Original Issue Date: 2015-03-30

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-44432-M1-UL

Model Details:

EFE300 Series (may be followed by characters as described in Model Differences, see test report for details)

EFE300 or EFE-300x-a-bcde- f-g-hij

(may be prefixed by NS - # / where # may be any number of characters indicating non safety related model differences). Products may additionally be marked with U2x or Y2x where x can be any number of characters indicating non-safety related model differences.

where:

x=Nothing or J for Japanese models (may have non-safety differences)

a=Channel 1 Output Voltage: any voltage within the Adjustment Range for the Vout (nom) from the Output Table below, e.g. 12.8 for 12.8V output (12Vout nom), 24.6 for 24.6V output (24Vout nom).

b=CN for Open Frame with fan output , CU for U chassis with fan output, CC for U chassis and cover with fan output, EC for U chassis and cover with fan.

c=M for Molex input connector or equivalent, J for JST connector or equivalent.

d=D for dual fused input or L for single fuse in the live line.

e=S for Standard Leakage, L for Low Leakage, R for Reduced Leakage, T for Tiny Leakage.*

f=Nothing for horizontal output connector, V for vertical output connector.

g=Nothing for standard channel 1 output voltage, xD or xPD where D is for units with programmed negative load regulation, PD is for units with programmed positive load regulation, x is the voltage of the regulation in 100mVolts and is within the Output Adjustment range (example, 7D = 0.7V of negative load regulation, 24PD = 2.4V of positive load regulation).

hij=Three numbers from 0 to 9 which denotes various output voltage/current settings within the specified ranges of each output for a particular unit or blank for standard output settings. (may define non-safety related parameters/feature, e.g. reduced primary current limit, reduced OVP)

* At 440Hz, leakage current is > 3.5mA and therefore must be assessed in the end use application.

* L < 300uA leakage, R < 150uA leakage and T < 75uA leakage.

Factories:

PANYU TRIO MICROTRONIC CO. LTD

SHIJI INDUSTRIAL ESTATE DONGYONG NANSHA GUANGZHOU GUANGDONG CHINA

TDK-LAMBDA CORP

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

JAPAN

Additional Information:

Additionally evaluated to EN 60950-1:2006/ A11:2009/ A1:2010/ A12:2011/A2:2013.

National Differences specified in the CB Test Report.

Reason for Correction: Correct standards, issue date and model details.

Additional information (if necessary)

Information complémentaire (si nécessaire)



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