



Ref. Certif. No.

DK-63108-A2-UL

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

CB TEST CERTIFICATE

Product

Switch-mode power supplies

Name and address of the applicant

TDK-Lambda UK Ltd
Kingsley Avenue, Ilfracombe
Devon, EX34 8ES UNITED KINGDOM

Name and address of the manufacturer

TDK-Lambda UK Ltd
Kingsley Avenue, Ilfracombe
Devon, EX34 8ES UNITED KINGDOM

Name and address of the factory

Note: When more than one factory, please report on page 2

TDK-Lambda UK Ltd
Kingsley Avenue, Ilfracombe Devon, EX34 8ES
UNITED KINGDOM

[Additional Information on page 2](#)

Ratings and principal characteristics

See Page 2



Trademark (if any)

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

Model / Type Ref.

CUS100ME, CUS150M
See Page 3

Additional information (if necessary may also be reported on page 2)

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 60601-1(ed.3), IEC 60601-1(ed.3);am1

As shown in the Test Report Ref. No. which forms part of this Certificate

E349607-D1003-1/A2/C0-ULCB issued on 2018-03-21

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: 2018-03-28

Original Issue Date: 2017-04-28

Signature:

Jan-Erik Storgaard



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Model Details:

CUS100ME,CUS150M (see test report model differences for details of nomenclature)

Factories:

PANYU TRIO MICROTRONIC CO. LTD
SHIJI INDUSTRIAL ESTATE DONGYONG, NANSHA, GUANGZHOU GUANGDONG
CHINA

Ratings:

Input:

CUS150M-xxVx/yyyy
100-240Vac; 47-63Hz; 2.2Arms Max.

CUS150MD-xxVx/yyyy
133-318Vdc, 1.8A

CUS100ME-xxVx/yyyy
100-240Vac; 47-63Hz; 1.4Arms Max.

Output:

CUS100ME-12/yyyy output: 12-13.2Vdc 8.33A
CUS100ME-15/yyyy output: 15-16.5Vdc 6.66A
CUS100ME-18/yyyy output: 18-19.8Vdc 5.55A
CUS100ME-24/yyyy output: 24-26.4Vdc 4.16A
CUS100ME-28/yyyy output: 28-30.8Vdc 3.57A
CUS100ME-36/yyyy output: 36-39.6Vdc 2.77A
CUS100ME-48/yyyy output: 48-50Vdc 2.08A

CUS150M-12/yyyy output: 12-13.2Vdc 12.5A
CUS150M-15/yyyy output: 15-16.5Vdc 10A
CUS150M-18/yyyy output: 18-19.8Vdc 8.33A
CUS150M-24/yyyy output: 24-26.4Vdc 6.25A
CUS150M-28/yyyy output: 28-30.8Vdc 5.4A
CUS150M-36/yyyy output: 36-39.6Vdc 4.2A
CUS150M-48/yyyy output: 48-50Vdc 3.125A

Each output has a range shown in the table above which is factory configurable only.

For further details please see model differences section.

Class II

Additional Information:

The original report was modified to include the following changes/additions:
Technical amendment was issued in order to add CUS100ME, CUS150M-15, CUS150M-18, CUS150M-28, CUS150M-36 and DC rated version of CUS150M series.

Additional information (if necessary)



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Model Differences

The CUS has two ranges of 100W and 150W each with seven nominal output voltages of 12, 15, 18, 24, 28, 36 and 48 Volt. Each output has a range shown in the table below which is factory configurable only.

CUS models as described below:

Units may be marked with a Product Code: CUSZ-xxVx/yyyy where Z is 100ME or 150M and x may be any number of numbers or left blank to indicate the output voltage. V represents a decimal place when required or can left be left blank. y can be blank or any number of numbers or letters (excluding M, E, U, A, F, B, H) when indicating non-safety related model differences. y can be M, E, U, A, F, B when indicating the standard options as listed below.

Unit Product Code may be prefixed by K, SP # and/or NS # followed by / or - (where # may be any number of characters indicating non-safety related model differences).

Unit Product Code:

CUSZ-xxVx/yyyy

Where:

Z = 150M for 150W model (May be followed by 'D' for DC input) 100ME for 100W model

xxVx = Channel 1 output voltage from within the output voltage adjustment range from the Output

Parameters Tables below.

yyyy = Unit options from list of standard unit options below, or non-safety related model differences:

- /M = Molex connectors
- /E = Single fuse in the live line
- /U = U chassis
- /A = Cover and U chassis
- /F = Top fan, cover and U chassis (CUS150M model only)
- /B = Baseplate

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