

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

CB TEST CERTIFICATE

Product	AC-DC Power Supply
Name and address of the applicant	TDK-LAMBDA UK LTD KINGSLEY AVE ILFRACOMBE, EX34 8ES United Kingdom
Name and address of the manufacturer	TDK-LAMBDA UK LTD KINGSLEY AVE ILFRACOMBE, EX34 8ES United Kingdom
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	TDK LAMBDA UK LTD KINGSLEY AVENUE ILFRACOMBE NORTH DEVON EX34 8ES, UNITED KINGDOM <input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 3
Trademark (if any)	TDK-Lambda
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	CM4 See Page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011 / A2:2013; National Differences specified in the CB Test Report. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	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	E135494-A115-CB-1 issued on 2018-01-11

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: 2018-01-11
Original Issue Date: 2017-10-23

Signature:

Jan-Erik Storgaard



CM4

Nomenclature:

CM4 xZ xY xY xY [opt] [fact]

Where x = Output voltage from the table below.

Where Z = module from the table below.

Where Y = optional (depending on total number of slots) module from the table below or O for not fitted.

Where [opt] can be blank or -IN for power supply inhibit or -EN for power supply enable.

Where [fact] (for factory option) can be blank for standard unit or -xxx where xxx is any combination of letters or numbers for non-safety related modifications.

CM4 series switch mode power supply can be configured in the following variations "CM4" followed by "Sx", "Zx", "Yx" or "Hx". For output values corresponding to each configuration see table below:

Module	#Slots	Output Voltage Range (Vdc)	Nominal Voltage (Vdc)	Output Current (A)	Rated Power (W)
S1	1	1.5 - 7.5	5	25	125
Z1	2	1.5 - 7.5	5	50	250
ZA	3	1.5 - 7.5	5	75	375
ZN	4	1.5 - 7.5	5	100	500
Y1	2	3 - 15	10	25	250
HA	4	3 - 15	10	50	500
S2	1	4.5 - 15	12	15	150
Z2	2	4.5 - 15	12	30	300
YA	3	4.5 - 22.5	15	25	375
ZB	3	4.5 - 15	12	45	450
ZP	4	4.5 - 15	12	60	600
YN	4	6 - 30	20	25	500
S3	1	9 - 30	24	7.5	150
Y2	2	9 - 30	24	15	300
ZC	3	9 - 30	24	22.5	450
HB	4	9 - 30	24	30	600
ZQ	4	9 - 30	24	30	600
YB	3	13.5 - 45	36	15	450
S4	1	18 - 58	48	3.75	150
Y3	2	18 - 60	48	7.5	300
ZD	3	18 - 58	48	11.25	450
ZR	4	18 - 58	48	15	600
YP	4	18 - 60	48	15	600
YC	3	27 - 90	72	7.5	450
Y4	2	36 - 116	96	3.75	300
YQ	4	36 - 120	96	7.5	600
YD	3	54 - 174	144	75	450
YR	4	72 - 232	192	3.75	600

Factories:

PANYU TRIO MICROTRONICS CO LTD
 SHIJI INDUSTRIAL ESTATE DONGYONG NANSHA GUANGZHOU GUANGDONG
 CHINA

Additional Information:

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

- adding non safety related options [opt] and [fact] to model nomenclature in the Model Differences section of this report.

Additional information (if necessary)



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- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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Ref. Certif. No.

DK-67545-A1-UL

Ratings:

Input: 100-240Vac (or 120-370Vdc), 7A max, 50-60Hz

Maximum output power 600W.

Individual outputs are rated according to combinations between modules fitted.

The output modules are:

S1 = 1.5 - 7.5 V dc, 25 A, 125 W

S2 = 4.5 - 15 V dc, 15 A, 150 W

S3 = 9 - 30 V dc, 7.5 A, 150 W

S4 = 18 - 58 V dc, 3.75 A, 150 W

(see test report Model Differences for output configurations and ratings)

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