


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

CB TEST CERTIFICATE

Product	Switch Mode Power Supply
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 <i>Note: When more than one factory, please report on page 2</i>	TDK-LAMBDA UK LTD KINGSLEY AVE ILFRACOMBE EX34 8ES UNITED KINGDOM <input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark (if any)	TDK-Lambda 
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 3
Model / Type Ref.	KQM5001V-x, QM4, QM5, QM7, QM8, QS4, See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60950-1:2005/AMD1:2009, IEC 60950-1:2005/AMD2:2013, IEC 60950-1:2005
As shown in the Test Report Ref. No. which forms part of this Certificate	E135494-A111-CB-2 issued on 2019-05-27

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/ncbnamesDate: 2019-05-27
Original Issue Date: 2018-05-15

Signature:

Jan-Erik Storgaard

Model Details:

KQM5001V-x, QM4, QM5, QM7, QM8, QS4, QS5, QS7 (followed by alphanumeric characters - see Test Report model differences for details of models and nomenclature)

Factories:

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

Ratings:

QM4 or QS4 (550W): 100-240Vac nom, 47-440Hz, 9A rms max

QM4 or QS4 (650W): 200-240Vac nom, 47-440Hz, 6A rms max

QM5 or QS5 (700W): 100-240Vac nom, 47-440Hz, 11A rms max

QM5 or QS5 (800W): 200-240Vac nom, 47-440Hz, 9A rms max

QM5H or QS5H (700W): 100-240Vac nom, 47-440Hz, 11A rms max

QM5H or QS5H (800W): 200-240Vac nom, 47-440Hz, 9A rms max

QM5H or QS5H (1200W): 200-240Vac nom, 47-440Hz, 9A rms max

QM7 or QS7 (1200W): 100-240Vac nom, 47-440Hz, 19A rms max

QM7 or QS7 (1500W): 166.7-240Vac nom, 47-440Hz, 14A rms max

QM8 (1200W): 100-240Vac nom, 47-440Hz, 19A rms max

QM8 (1500W): 166.7-240Vac nom, 47-440Hz, 14A rms max

QM8B (1200W): 100-240Vac nom, 47-440Hz, 19A rms max

QM8B (1500W): 166.7-240Vac nom, 47-440Hz, 14A rms max

QM8B (2000W): 200-240Vac nom, 47-440Hz, 15A rms max

KQM5001V-x: 100-240Vac, 47-63Hz, 12Arms max

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.

For AC variants of construction and models.

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

1. QM8B version added. B version is the standard QM8 with bigger value capacitors to allow for 2KW output.
2. QM4 converter added to the QM range.
3. QM4, 7 and 8 evaluated for dc input.
4. QM range evaluated for 85Vac input (with de-rating).
5. Single channel output DH/DM modules added.
6. SA modules added
7. Non standards KQM70143x and KQM7016Mx added
8. Model Differences section updated
9. Enclosures updated
10. Addition of alternates components and corrections to the Critical Components Table of alternates components and corrections to the Critical Components Table

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

UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2019-05-27

Original Issue Date: 2018-05-15

Signature:



Jan-Erik Storgaard