



Ref. Certif. No.

DK-158555-UL

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

CB TEST CERTIFICATE

Product

SWITCHING POWER SUPPLY

Name and address of the applicant

ARCH ELECTRONICS CORP
3F NO 79 SEC 1 HSIN TAI WU RD, HSI CHIH DISTRICT NEW TAIPEI, 221
TAIWAN

Name and address of the manufacturer

ARCH ELECTRONICS CORP
3F NO 79 SEC 1 HSIN TAI WU RD, HSI CHIH DISTRICT NEW TAIPEI, 221
TAIWAN

Name and address of the factory

ARCH ELECTRONICS CORP
3F NO 79 SEC 1 HSIN TAI WU RD, HSI CHIH DISTRICT NEW TAIPEI, 221
TAIWAN

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

☐ Additional Information on page 2

Ratings and principal characteristics

Input rating:
MQC100-xS: 100-240 Vac, 50-60 Hz, 2.0 A Max.
MQC150-xS: 100-240 Vac, 50-60 Hz, 2.5 A Max.
MQF240O-xS: 100-240 Vac, 50-60 Hz, 3.0 A Max.
MQF240U-xS: 100-240 Vac, 50-60 Hz, 3.0 A Max.
MQF240E-xS: 100-240 Vac, 50-60 Hz, 3.0 A Max.

☒ Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

MQC100-xS, MQC150-xS, MQF240O-xS, MQF240U-xS, MQF240E-xS

☒ Additional Information on page 2

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

The risk management requirements of the standard were not addressed
National Differences: CA, US

☒ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012,
IEC 60601-1:2005/AMD2:2020

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

2409006-CB issued on 2024-10-15

This CB Test Certificate is issued by the National Certification Body



- ☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☐ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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

Date: 2024-10-16

Signature:

Thomas Wilson



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Additional Model Detail(s):

MQC100-xS, MQC150-xS, (where "x" can be 9 to 12.48, 18 to 24.96, 36 to 49.92)

MQF240O-xS, MQF240U-xS, MQF240E-xS, (where "x" can be 9 to 12.48, 12 to 15.75, 18 to 24.96, 36 to 49.92)

Additional Ratings:

Output rating:

MQC100-xS:

where "x" can be 9 to 12.48: 9 to 12.48 Vdc / 8.33 A Max.

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 4.2 A Max.

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 2.1 A Max.

Max. 100 W

MQC150-xS:

where "x" can be 9 to 12.48: 9 to 12.48 Vdc / 12.5 A Max.

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 6.25 A Max.

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 3.125 A Max.

Max. 150 W

MQF240O-xS:

where "x" can be 9 to 12.48: 9 to 12.48 Vdc / 20.0 A Max.

where "x" can be 12 to 15.75: 12 to 15.75 Vdc / 16.0 A Max.

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 10.0 A Max.

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 5.0 A Max.

Max. 240 W with Cooling Fan / Max. 160 W Convection

MQF240U-xS:

where "x" can be 9 to 12.48: 9 to 12.48 Vdc / 20.0 A Max.

where "x" can be 12 to 15.75: 12 to 15.75 Vdc / 16.0 A Max.

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 10.0 A Max.

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 5.0 A Max.

Max. 240 W with Cooling Fan / Max. 160 W Convection

MQF240E-xS:

where "x" can be 9 to 12.48: 9 to 12.48 Vdc / 20.0 A Max.

where "x" can be 12 to 15.75: 12 to 15.75 Vdc / 16.0 A Max.

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 10.0 A Max.

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 5.0 A Max.

Max. 240 W

Additionally evaluated to:

EN 60601-1:2006, EN 60601-1:2006/A1:2013, EN 60601-1:2006/A12:2014, EN 60601-1:2006/A2:2021

Additional information (if necessary)



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