

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

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

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

MQC100-xS, MQC150-xS, MQF240E-xS, MQF240O-xS,  
MQF240U-xS  
See Page 2

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

 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

E308218-D1000-1/A0/C0-CB issued on 2018-03-20

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](http://www.ul.com/ncbnames)

Date: 2018-03-23

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-71558-UL**

**Model Details:**

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

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

**Ratings:**

**Input rating:**

MQC100-xS: 100-240 Vac; 50-60 Hz; 2.0 AMax.

MQC150-xS: 100-240 Vac; 50-60 Hz; 2.5 AMax.

MQF240O-xS: 100-240 Vac; 50-60 Hz; 3.0 AMax.

MQF240U-xS: 100-240 Vac; 50-60 Hz; 3.0 AMax.

MQF240E-xS: 100-240 Vac; 50-60 Hz; 3.0 AMax.

**Output rating:**

**MQC100-xS:**

where "x" can be 9 to 12.48: 9 to 12.48 Vdc / 8.33 AMax.; Max. 100 W

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 4.2 AMax.; Max. 100 W

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 2.1 AMax.; Max. 100 W

**MQC150-xS:**

where "x" can be 9 to 12.48: 9 to 12.48 Vdc / 12.5 AMax.; Max. 150 W

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 6.25 AMax.; Max. 150 W

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 3.125 AMax.; Max. 150 W

**MQF240O-xS:**

where "x" can be 9 to 12.48: 9 to 12.48 Vdc / 20.0 AMax.;

where "x" can be 12 to 15.75: 12 to 15.75 Vdc / 16.0 AMax.;

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 10.0 AMax.;

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 5.0 AMax.;

(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 AMax.;

where "x" can be 12 to 15.75: 12 to 15.75 Vdc / 16.0 AMax.;

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 10.0 AMax.;

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 5.0 AMax.;

(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 AMax.; Max. 240 W

where "x" can be 12 to 15.75: 12 to 15.75 Vdc / 16.0 AMax.; Max. 240 W

where "x" can be 18 to 24.96: 18 to 24.96 Vdc / 10.0 AMax.; Max. 240 W

where "x" can be 36 to 49.92: 36 to 49.92 Vdc / 5.0 AMax.; Max. 240W

**Additional Information:**

Additionally evaluated to EN 60601-1:2006/ A1:2013/ A12:2014. National Differences specified in the CB Test Report.

Risk Management was not included in this investigation.

**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](http://www.ul.com/ncbnames)

Date: 2018-03-23

Signature:

Jan-Erik Storgaard