

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

## CB TEST CERTIFICATE

Product	Module power supply
Name and address of the applicant	TIANCHANG FUAN ELECTRONIC CO LTD 286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY ANHUI 239331 CHINA
Name and address of the manufacturer	TIANCHANG FUAN ELECTRONIC CO LTD 286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY ANHUI 239331 CHINA
Name and address of the factory	TIANCHANG FUAN ELECTRONIC CO LTD 286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY ANHUI 239331 CHINA
<i>Note: When more than one factory, please report on page 2</i>	
Ratings and principal characteristics	<input type="checkbox"/> Additional Information on page 2  See Page 2
Trademark / Brand (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	ASQ03020, ASQ03021, ASQ03022, ASQ03023, ASQ03024, ASQ03025, ASQ03026
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	E507552-A6004-CB-1 issued on 2020-03-04

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: 2020-03-05

Signature:

Jan-Erik Storgaard

## Ratings:

## ASQ03020:

Ratings: Input: 100-240Vac, 50/60Hz, 0.15A, Output: 3.3Vdc 3.0W at Tma=50°C; 3.3Vdc 2.5W at Tma=60°C; 3.3Vdc 1.0W at Tma=80°C.

## ASQ03021:

Ratings: Input: 100-240Vac, 50/60Hz, 0.15A, Output: 5Vdc 3.0W at Tma=50°C; 5Vdc 2.5W at Tma=60°C; 5Vdc 1.0W at Tma=80°C.

## ASQ03022:

Ratings: Input: 100-240Vac, 50/60Hz, 0.15A, Output: 9Vdc 3.0W at Tma=60°C; 9Vdc 2.5W at Tma=70°C; 9Vdc 1.0W at Tma=80°C.

## ASQ03023:

Ratings: Input: 100-240Vac, 50/60Hz, 0.15A, Output: 12Vdc 3.0W at Tma=60°C; 12Vdc 2.5W at Tma=70°C; 12Vdc 1.0W at Tma=80°C.

## ASQ03024:

Ratings: Input: 100-240Vac, 50/60Hz, 0.15A, Output: 15Vdc 3.0W at Tma=60°C; 15Vdc 2.5W at Tma=70°C; 15Vdc 1.0W at Tma=80°C.

## ASQ03025:

Ratings: Input: 100-240Vac, 50/60Hz, 0.15A, Output: 18Vdc 3.0W at Tma=60°C; 18Vdc 2.5W at Tma=70°C; 18Vdc 1.0W at Tma=80°C.

## ASQ03026:

Ratings: Input: 100-240Vac, 50/60Hz, 0.15A, Output: 24Vdc 3.0W at Tma=60°C; 24Vdc 2.5W at Tma=70°C; 24Vdc 1.0W at Tma=80°C.

## Additional Information:

Additionally evaluated to EN 62368-1:2014/A11:2017.

National Differences specified in the CB Test Report.

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

Date: 2020-03-05

Signature:



Jan-Erik Storgaard

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

## CB TEST CERTIFICATE

Product

Module power supply

Name and address of the applicant

TIANCHANG FUAN ELECTRONIC CO LTD  
286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY  
ANHUI 239331 CHINA

Name and address of the manufacturer

TIANCHANG FUAN ELECTRONIC CO LTD  
286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY  
ANHUI 239331 CHINA

Name and address of the factory

TIANCHANG FUAN ELECTRONIC CO LTD  
286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY  
ANHUI 239331  
CHINA

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

 Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)



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

Model / Type Ref.

ASQ05020, ASQ05021, ASQ05022, ASQ05023, ASQ05024,  
ASQ05025, ASQ05026, ASQ05027

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

Additionally evaluated to EN 62368-1:2014 / A11:2017  
National Difference 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 62368-1:2014

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

E507552-A6005-CB-1 issued on 2020-03-30

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: 2020-04-01

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-95242-UL**

Ratings:

ASQ05020:

Ratings: Input: 100-240Vac; 50/60Hz; 0.2A; Output: 3.3Vdc 2.5W at Tma=70°C; 3.3Vdc 4.5W at Tma=50°C.

ASQ05021:

Ratings: Input: 100-240Vac; 50/60Hz; 0.2A; Output: 5Vdc 2.5W at Tma=70°C; 5Vdc 5.0W at Tma=50°C.

ASQ05022:

Ratings: Input: 100-240Vac; 50/60Hz; 0.2A; Output: 9Vdc 3.2W at Tma=70°C; 9Vdc 5.0W at Tma=50°C.

ASQ05023:

Ratings: Input: 100-240Vac; 50/60Hz; 0.2A; Output: 12Vdc 3.2W at Tma=70°C; 12Vdc 5.0W at Tma=50°C.

ASQ05024:

Ratings: Input: 100-240Vac; 50/60Hz; 0.2A; Output: 15Vdc 3.2W at Tma=70°C; 15Vdc 5.0W at Tma=50°C.

ASQ05025:

Ratings: Input: 100-240Vac; 50/60Hz; 0.2A; Output: 18Vdc 3.2W at Tma=70°C; 18Vdc 5.0W at Tma=50°C.

ASQ05026:

Ratings: Input: 100-240Vac; 50/60Hz; 0.2A; Output: 24Vdc 3.2W at Tma=70°C; 24Vdc 5.0W at Tma=50°C.

ASQ05027:

Ratings: Input: 100-240Vac; 50/60Hz; 0.2A; Output: 3.8Vdc 4.5W at Tma=50°C.

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

Date: 2020-04-01

Signature:

Jan-Erik Storgaard

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

CB TEST CERTIFICATE

Product	Module power supply
Name and address of the applicant	TIANCHANG FUAN ELECTRONIC CO LTD 286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY ANHUI 239331 CHINA
Name and address of the manufacturer	TIANCHANG FUAN ELECTRONIC CO LTD 286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY ANHUI 239331 CHINA
Name and address of the factory	TIANCHANG FUAN ELECTRONIC CO LTD 286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY ANHUI 239331 CHINA <input type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	See Page 2
Trademark / Brand (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	ASP07200, ASP07201, ASP07202, ASP07203, ASP07204, ASP07205, ASP07206
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	E507552-A6003-CB-1 issued on 2019-12-26

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Denko), 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: 2019-12-26

Signature:

Jan-Erik Storgaard

## Ratings:

## ASP07200:

Ratings: Input: 100-240Vac, 50/60Hz, 0.3A, Output: 3.3Vdc 7.5W at Tma=50°C.

## ASP07201:

Ratings: Input: 100-240Vac, 50/60Hz, 0.3A, Output: 5Vdc 7.5W at Tma=50°C.

## ASP07202:

Ratings: Input: 100-240Vac, 50/60Hz, 0.3A, Output: 9Vdc 7.5W at Tma=70°C.

## ASP07203:

Ratings: Input: 100-240Vac, 50/60Hz, 0.3A, Output: 12Vdc 7.5W at Tma=70°C.

## ASP07204:

Ratings: Input: 100-240Vac, 50/60Hz, 0.3A, Output: 15Vdc 7.5W at Tma=70°C.

## ASP07205:

Ratings: Input: 100-240Vac, 50/60Hz, 0.3A, Output: 18Vdc 7.5W at Tma=70°C.

## ASP07206:

Ratings: Input: 100-240Vac, 50/60Hz, 0.3A, Output: 24Vdc 7.5W at Tma=70°C.

## Additional Information:

Additionally evaluated to EN 62368-1:2014/A11:2017.

National Differences specified in the CB Test Report.

## 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, CANADAFor full legal entity names see [www.ul.com/names](http://www.ul.com/names)

Date: 2019-12-26

Signature:   
Jan-Erik Storgaard

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

## CB TEST CERTIFICATE

Product

Module power supply

Name and address of the applicant

TIANCHANG FUAN ELECTRONIC CO LTD  
286 RENMIN EAST ROAD  
RENHE TOWN  
TIANCHANG CITY  
ANHUI 239331 CHINA

Name and address of the manufacturer

TIANCHANG FUAN ELECTRONIC CO LTD  
286 RENMIN EAST ROAD  
RENHE TOWN  
TIANCHANG CITY  
ANHUI 239331 CHINA

Name and address of the factory

TIANCHANG FUAN ELECTRONIC CO LTD  
286 RENMIN EAST ROAD RENHE TOWN TIANCHANG CITY  
ANHUI 239331  
CHINA*Note: When more than one factory, please report on page 2* Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)



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

Model / Type Ref.

ASP10210, ASP10211, ASP10212, ASP10213, ASP10214,  
ASP10215, ASP10216

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 62368-1:2014

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

E507552-A6006-CB-1 issued on 2020-04-08

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: 2020-04-09

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-95599-UL**

**Ratings:**

ASP10210:

Ratings: Input: 100-240Vac, 50/60Hz, 0.4A, Output: 3.3Vdc 10W at Tma=50°C.

ASP10211:

Ratings: Input: 100-240Vac, 50/60Hz, 0.4A, Output: 5Vdc 10W at Tma=50°C.

ASP10212:

Ratings: Input: 100-240Vac, 50/60Hz, 0.4A, Output: 9Vdc 10W at Tma=60°C.

ASP10213:

Ratings: Input: 100-240Vac, 50/60Hz, 0.4A, Output: 12Vdc 10W at Tma=60°C.

ASP10214:

Ratings: Input: 100-240Vac, 50/60Hz, 0.4A, Output: 15Vdc 10W at Tma=60°C.

ASP10215:

Ratings: Input: 100-240Vac, 50/60Hz, 0.4A, Output: 18Vdc 10W at Tma=60°C.

ASP10216:

Ratings: Input: 100-240Vac, 50/60Hz, 0.4A, Output: 24Vdc 10W at Tma=60°C.

**Additional Information:**

Additionally evaluated to EN 62368-1:2014/A11:2017.

National Differences specified in the CB Test Report.

**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: 2020-04-09

Signature:

Jan-Erik Storgaard