



TM

Ref. Certif. No.

JPTUV-138763-M1

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

CB TEST CERTIFICATE

Product

SWITCHING ADAPTER

Name and address of the applicant

Shenzhen Fujia Appliance Co., Ltd.
5F of Building F, Hengchangrong
(xinghui) Sci-Tech. Park, Huaning Road, Longhua District,
Shenzhen, Guangdong, P.R. China

Name and address of the manufacturer

Shenzhen Fujia Appliance Co., Ltd.
5F of Building F, Hengchangrong
(xinghui) Sci-Tech. Park, Huaning Road, Longhua District,
Shenzhen, Guangdong, P.R. China

Name and address of the factory

See additional page(s)

Ratings and principal characteristics

Input : 100-240VAC, 50/60Hz, 1.5A Max; Class I
Output: 5.0-9.0VDC / 0.1-6.0A /54W Max.
9.5-19.5VDC / 0.1-6.0A /65W Max.
20.0-33.0VDC/ 0.1-3.25A /65W Max.
36.0-54.0VDC/ 0.1-1.80A /65W Max.

Trademark (if any)

Trademark of Shenzhen Fujia Appliance Co., Ltd.

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

FJ-SW2017xxxxxyyy
(xxx=050-090, 095-195, 200-330, 360-540; yyy=0100-6000)

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

For model differences, refer to the test report
Re-issue of JPTUV-138763 dated 08.09.2022,
due to first modification.

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

IEC 62368-1:2018
See Test Report for National Differences

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

CN22WTWW 002

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

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Date: 2023-06-30

Signature:

Sommy Chen

1. Shenzhen Fujia Appliance Co., Ltd.
5F of Building F, Hengchangrong
(xinghui) Sci-Tech. Park,
Huaning Road, Longhua District,
Shenzhen, Guangdong, P.R. China
2. Huizhou Fujia Appliance Tech.
Co., Ltd.
Building B of Yaoyu Ind. Park,
Shatian Town, Huiyang District
Huizhou, 516269 Guangdong, P.R. China

Additional information (if necessary)

Report Ref. No. : CN22WTWW 002

Date: 2023-06-30

Signature:



Sommy Chen



Test Report issued under the responsibility of:



TEST REPORT
IEC 62368-1
Audio/video, information and communication technology equipment
Part 1: Safety requirements

Report Number..... : CN22WTWW 002

Date of issue : 2023-06-29

Total number of pages..... : 5 pages

Name of Testing Laboratory preparing the Report..... : TÜV Rheinland (Shenzhen) Co., Ltd.

Applicant's name : Shenzhen Fujia Appliance Co., Ltd.

Address..... : 5F of Building F, Hengchangrong(xinghui) Sci-Tech. Park, Huaning Road, Longhua District, Shenzhen, Guangdong, P.R. China

Test specification:

Standard..... : IEC 62368-1:2018

Test procedure..... : CB Scheme

Non-standard test method..... : N/A

TRF template used..... : IECEE OD-2020-F1:2021, Ed.1.4

Test Report Form No. : IEC62368_1E

Test Report Form(s) Originator..... : UL(US)

Master TRF : Dated 2021-02-04

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If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

Test item description :	SWITCHING ADAPTER	
Trade Mark(s)		
Manufacturer :	Same as applicant	
Model/Type reference	FJ-SW2017xxxxyyy (for definition of variables xxx, yyyy see table A in original test report for details)	
Ratings	Input: 100-240V~, 50/60Hz, 1.5A Max Output: See table B in original test report for details	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
<input checked="" type="checkbox"/> CB Testing Laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.	
Testing location/ address	1601-1604, 17-18F, Tower A Building 2, Shenzhen International Innovation Valley, Dashi 1st Road, Xili Street, Xili Community, Nanshan District, Shenzhen 518052, China	
Tested by (name, function, signature)	Jericho Cheng / Project Handler	
Approved by (name, function, signature) .. :	Edward Xie / Reviewer	
Testing procedure: CTF Stage 1:		
<input type="checkbox"/> Testing procedure: CTF Stage 1:	N/A	
Testing location/ address	N/A	
Tested by (name, function, signature)		
Approved by (name, function, signature) .. :		
Testing procedure: CTF Stage 2:		
<input type="checkbox"/> Testing procedure: CTF Stage 2:	N/A	
Testing location/ address	N/A	
Tested by (name, function, signature)		
Witnessed by (name, function, signature) . :		
Approved by (name, function, signature) .. :		
Testing procedure: CTF Stage 3:		
<input type="checkbox"/> Testing procedure: CTF Stage 3:	N/A	
Testing procedure: CTF Stage 4:		
<input type="checkbox"/> Testing procedure: CTF Stage 4:	N/A	
Testing location/ address	N/A	
Tested by (name, function, signature)		
Witnessed by (name, function, signature) . :		
Approved by (name, function, signature) .. :		
Supervised by (name, function, signature) :		

List of Attachments (including a total number of pages in each attachment):	
Attachment 1: Photo documents (1 page)	
Summary of testing:	
Tests performed (name of test and test clause):	Testing location:
N/A	N/A
Summary of compliance with National Differences (List of countries addressed):	
See original CB test report CN22WTWW 001 for details.	
Use of uncertainty of measurement for decisions on conformity (decision rule) : <input checked="" type="checkbox"/> No decision rule is specified by the IEC standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method"). <input type="checkbox"/> Other:... (to be specified, for example when required by the standard or client, or if national accreditation requirements apply)	
Information on uncertainty of measurement: The uncertainties of measurement are calculated by the laboratory based on application of criteria given by OD-5014 for test equipment and application of test methods, decision sheets and operational procedures of IECEE. IEC Guide 115 provides guidance on the application of measurement uncertainty principles and applying the decision rule when reporting test results within IECEE scheme, noting that the reporting of the measurement uncertainty for measurements is not necessary unless required by the test standard or customer. Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.	
Copy of marking plate:	
See original CB test report CN22WTWW 001 for details.	

Test item particulars:	
Product group	<input checked="" type="checkbox"/> end product <input type="checkbox"/> built-in component
Classification of use by	<input checked="" type="checkbox"/> Ordinary person <input checked="" type="checkbox"/> Children likely present <input type="checkbox"/> Instructed person <input type="checkbox"/> Skilled person
Supply connection	<input checked="" type="checkbox"/> AC mains <input type="checkbox"/> DC mains <input type="checkbox"/> not mains connected: <input type="checkbox"/> ES1 <input type="checkbox"/> ES2 <input type="checkbox"/> ES3
Supply tolerance	<input checked="" type="checkbox"/> +10%/-10% <input type="checkbox"/> +20%/-15% <input type="checkbox"/> + %/ - % <input type="checkbox"/> None
Supply connection – type	<input checked="" type="checkbox"/> pluggable equipment type A - <input type="checkbox"/> non-detachable supply cord <input checked="" type="checkbox"/> appliance coupler <input type="checkbox"/> direct plug-in <input type="checkbox"/> pluggable equipment type B - <input type="checkbox"/> non-detachable supply cord <input type="checkbox"/> appliance coupler <input type="checkbox"/> permanent connection <input type="checkbox"/> mating connector <input type="checkbox"/> other:
Considered current rating of protective device	<input checked="" type="checkbox"/> US, CA: 20 A; UK: 13 A; Others: 16 A; Location: <input checked="" type="checkbox"/> building <input type="checkbox"/> equipment <input type="checkbox"/> N/A
Equipment mobility	<input checked="" type="checkbox"/> movable <input type="checkbox"/> hand-held <input checked="" type="checkbox"/> transportable <input type="checkbox"/> direct plug-in <input type="checkbox"/> stationary <input type="checkbox"/> for building-in <input type="checkbox"/> wall/ceiling-mounted <input type="checkbox"/> SRME/rack-mounted <input type="checkbox"/> other:
Overvoltage category (OVC)	<input type="checkbox"/> OVC I <input checked="" type="checkbox"/> OVC II <input type="checkbox"/> OVC III <input type="checkbox"/> OVC IV <input type="checkbox"/> other:
Class of equipment	<input checked="" type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III <input type="checkbox"/> Not classified <input type="checkbox"/>
Special installation location	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> restricted access area <input type="checkbox"/> outdoor location <input type="checkbox"/>
Pollution degree (PD)	<input type="checkbox"/> PD 1 <input checked="" type="checkbox"/> PD 2 <input type="checkbox"/> PD 3
Manufacturer's specified T_{ma}	45 °C <input type="checkbox"/> Outdoor: minimum °C
IP protection class	<input checked="" type="checkbox"/> IPX0 <input type="checkbox"/> IP__
Power systems	<input checked="" type="checkbox"/> TN <input type="checkbox"/> TT <input type="checkbox"/> IT - V _{L-L} <input type="checkbox"/> not AC mains
Altitude during operation (m)	<input type="checkbox"/> 2000 m or less <input checked="" type="checkbox"/> 5000 m
Altitude of test laboratory (m)	<input checked="" type="checkbox"/> 2000 m or less <input type="checkbox"/> m
Mass of equipment (kg)	Approx. 0.256kg
Possible test case verdicts:	
- test case does not apply to the test object ...: N/A	

- test object does meet the requirement : P (Pass)

- test object does not meet the requirement ... : F (Fail)

Testing:

Date of receipt of test item : N/A

Date (s) of performance of tests..... : N/A

General remarks:

"(See Enclosure #)" refers to additional information appended to the report.

"(See appended table)" refers to a table appended to the report.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

☐ This Test Report Form contains requirements according to IEC/ISO Standard dated and includes Corrigendum dated

(Note: The above text maybe removed if not applicable)

Manufacturer's Declaration per sub-clause 4.2.5 of IEC 60335-1:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided..... :

☒ **Yes**

☐ **Not applicable**

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies) : **Shenzhen Fujia Appliance Co., Ltd.**

5F of Building F, Hengchangrong(xinghui) Sci-Tech. Park, Huaning Road, Longhua District, Shenzhen, Guangdong, P.R. China

Huizhou Fujia Appliance Tech. Co., Ltd.

Building B of Yaoyu Ind. Park, Shatian Town, Huiyang District, Huizhou, 516269 Guangdong, P.R. China

Description of change(s):

1. Add alternative output plug for all models.

For the above describe change(s) the following testing was considered as necessary:

Change	Testing	Comments
1	N/A	No additional tests shall be considered, see attachment 1 for details.

History of amendments and modifications:

1. Ref. No. CN22WTWW 001, dated on 2022-09-07 (original report)
2. Ref. No. CN22WTWW 002, dated on 2023-06-29 (1st Modification)

Product: SWITCHING ADAPTER

Type Designation: FJ-SW2017xxxxyyy



Figure 1. Overall view of unit