




Ref. Certif. No.

CA/24820M1/CSA

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	FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan
Name and address of the manufacturer	FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan
Name and address of the factory	ShenZhen HuiLi Electronics CO., LTD. Block C, Building 4,6,7,8,9,10,11, County 73, Xin'an, Bao'an, Shenzhen, Guangdong, P.R. China <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input: 100V-240Vac, 5.0A, 50Hz-60Hz Output: 1) 54Vdc/6.85A, 12Vdc/4.2A, 2) 54Vdc/6.7A, 12Vdc/3.0A
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	1) FSP420-2F47-A54HXX (X=0-9, A-Z or blank) 2) FSP400-2F47-A54HXX (X=0-9, A-Z or blank)
Additional information (if necessary may also be reported on page 2)	Additionally the product was evaluated to the requirements of EN 62368-1:2014+A11:2017 <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	CB 188668-80039983(80070572)

This CB Test Certificate is issued by the National Certification Body



CSA Group  
178 Rexdale Boulevard  
Toronto, ON M9W 1R3 Canada

Date: 2021-03-08

Signature: William Meng

**Name and address of additional factories****Zhonghan Electronics (Shenzhen) Co., Ltd.**

Building A2 in Section A, Building 4,6,7 in Section C,  
JuYuan Industrial Zone, Tang Wei Village,  
FuHai Town, BaoAn Dist., ShenZhen City,  
Guangdong,  
P.R. China

**ZHONGHAN SCIENCE & TECH CO. LTD**

Building 9, Section B, JuYuan Industrial Zone,  
Tang Wei Village, FuYong Town, BaoAn District,  
ShenZhen City, Guangdong,  
P.R. China

**ShenZhen HuiLi Electronics CO., LTD**

Building C4-C11, No. 352, LiuTang Rd.,  
County 73, Bu'Xin Village, Xin'an, Bao'an,  
Shenzhen, Guangdong,  
P.R. China

**Ziqiang Factory of FSP Technology Inc.**

2F., No.722, Ziqiang S. Rd., Guishan Dist.,  
Taoyuan City 333  
Taiwan

**Wuxi SPI Technology Co., Ltd.**

No. 96, Xinmei Road, New District, Wuxi city,  
Jiangsu,  
P.R. China

**Wuxi ZhongHan Technology Co., Ltd.**

Block 106-E, Wuxi Nation HI-TECH Industrial,  
Development Zone, Wuxi City,  
Jiangsu, Province,  
P.R. China

**ShenZhen HuiLi Electronics CO., LTD**

Building B & G, Peace Hi-tech Industrial Zone,  
Peace Village, FuHai Town, Bao'an, Shenzhen,  
Guangdong 518102,  
P.R. China

**Additional information (if necessary)**

This test report shall be read in conjunction with the following CB Test Report No. CB 188668-80039983, dated 2020-06-03 with CB certificate No. CA/24820/CSA, dated 2020-06-04. Original report was modified due to include the following changes/additions:

1. Add an alternate circuit B
2. Add an alternate Y-cap source




Date: 2021-03-08

Signature: William Meng

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CSA Group  
178 Rexdale Boulevard  
Toronto, ON M9W 1R3 Canada

Date: 2020-06-04

Signature: William Meng

**Name and address of additional factories**

**Zhonghan Electronics (Shenzhen) Co., Ltd.**

Building A2 in Section A, Building 4,6,7 in Section C,  
JuYuan Industrial Zone, Tang Wei Village,  
FuHai Town, BaoAn Dist., ShenZhen City,  
Guangdong,  
**P.R. China**

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ShenZhen City, Guangdong,  
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Building B & G, Peace Hi-tech Industrial Zone,  
Peace Village, FuHai Town, Bao'an, Shenzhen,  
Guangdong 518102,  
**P.R. China**

**Additional information (if necessary)**



**Date:** 2020-06-04

**Signature:** William Meng