



全漢企業股份有限公司

安規證書

料號 :
Model Name : FSP250-50FEB,FSP220-50FEB,FSP200-50FEB,FSP180-50FEB,FSP150-50FEB,FSP250-50TEB,FSP250-50FEB(A),FSP220-50FEB(A),FSP200-50FEB(A),FSP180-50FEB(A),FSP150-50FEB(A),FSP220-51FEB
版次 : 04
文件編號 : SFD-00002948
作者 : chow/周懿慧(FSP)
Model No/Type : FSP250-50FEB,FSP220-50FEB,FSP200-50FEB,FSP180-50FEB,FSP150-50FEB,FSP250-50TEB,FSP250-50FEB(A),FSP220-50FEB(A),FSP200-50FEB(A),FSP180-50FEB(A),FSP150-50FEB(A),FSP220-51FEB
SFA NO. : SFA19101120
Trade mark : FSP
安規種類 : CB 62368
發行日期 : 2019/11/25 15:35:04
備註 : CB 62368 for FSPxxx-50FEB 增加自強廠



Ref. Certif. No.

DK-79546-ULIEC 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. Rd., Taoyuan City 330, Taiwan

Name and address of the manufacturer

FSP GROUP INC.
22, JIANGUO E RD. TAOYUAN CITY 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

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

☒ Additional Information on page 2

Ratings and principal characteristics

I/P:
1) 100-240V~, 4-2A, 60-50Hz (for xxx can be 250, 220, 200,
FSP250-50TEB)
2) 100-240V~, 3-1.5A, 60-50Hz (for xxx can be 180, 150)
O/P: See test report for details

Trademark (if any)



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

Model / Type Ref.

1) FSPxxx-50FEB (xxx=250, 220, 200, 180, 150)
2) FSPxxx-50FEB(A) (xxx=250, 220, 200, 180, 150)
3) FSP250-50TEBAdditional 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 2A 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

PSE107-0889-1 issued on 2018-12-19

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

Date: 2018-12-27

Signature:

Jan-Erik Storgaard

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



Ref. Certif. No.

DK-79546-UL**Factories:**

Zhonghan Electronics (Shenzhen) Co., Ltd.
Building A2 in Section A, Building 4, 6, 7 in Section C, JuYuan Industrial Zone, TangWei Village, FuHai Town, BaoAn Dist., ShenZhen City, Guangdong,
P.R. China

Wuxi SPI Technology Co., Ltd.
No. 96, Xinmei Road, New District, Wuxi city, Jiangsu,
P.R. China

ZHONGHAN SCIENCE & TECH CO. LTD
Building 9, Section B, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District. ShenZhen City, Guangdong,
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
Block A, Building 3, No. 5185, YeeYuan Rd., County 74, Xin'an, Bao'an, Shenzhen, Guangdong,
P.R. China

ShenZhen HuiLi Electronics CO., LTD
Building B & G, Peace Hi-tech Industrial Zone, Peace Village, FuHai Town, Bao'an, Shenzhen, Guangdong,
P.R. China

Additional information (if necessary)

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

Date: 2018-12-27

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-79546-M1-ULIEC 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. Rd., Taoyuan City 330, Taiwan

Name and address of the manufacturer

FSP GROUP INC.
22, JIANGUO E RD. TAOYUAN CITY 330, TAIWAN

Name and address of the factory

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

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☒ Additional Information on page 2

Ratings and principal characteristics

I/P:
1) 100-240V~, 4-2A, 60-50Hz (for xxx can be 250, 220,
200, FSP250-50TEB, FSP220-51FEB)
2) 100-240V~, 3-1.5A, 60-50Hz (for xxx can be 180, 150)
O/P: See test report for details

Trademark (if any)



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

Model / Type Ref.

1) FSPxxx-50FEB (xxx=250, 220, 200, 180, 150)
2) FSPxxx-50FEB(A) (xxx=250, 220, 200, 180, 150)
3) FSP250-50TEB
4) FSP220-51FEBAdditional information (if necessary may also be
reported on page 2)

The report was revised to include technical modifications

☒ Additional Information on page 2A 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

PSE107-0889-1-A issued on 2019-05-21

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

Date: 2019-05-24

Original Issue Date: 2018-12-27

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-79546-M1-UL**Factories:**

Zhonghan Electronics (Shenzhen) Co., Ltd.

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

Wuxi SPI Technology Co., Ltd.

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

ZHONGHAN SCIENCE & TECH CO. LTD

Building 9, Section B, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District. ShenZhen City, Guangdong, China

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

ShenZhen HuiLi Electronics CO., LTD

Block A, Building 3, No. 5185, YeeYuan Rd., County 74, Xin'an, Bao'an, Shenzhen, Guangdong, P.R. China

ShenZhen HuiLi Electronics CO., LTD

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

Additional Information:

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

National Difference specified in the CB Test Report

The original report was modified to include the following changes/additions:

Added Model: FSP220-51FEB

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



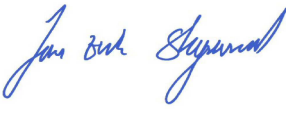
For full legal entity names see www.ul.com/ncbnames**Date:** 2019-05-24

Original Issue Date: 2018-12-27

Signature:

Jan-Erik Storgaard

	<table border="1"> <tr> <td>Ref. Certif. No.</td> </tr> <tr> <td>DK-79546-M2-UL</td> </tr> </table>	Ref. Certif. No.	DK-79546-M2-UL																										
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IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME																													
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<p>Date: 2019-07-08 Original Issue Date: 2018-12-27</p>	<p>Signature:</p> <p>Jan-Erik Storgaard</p>																												

	<p>Ref. Certif. No.</p> <p>DK-79546-M2-UL</p>								
<p>Factories:</p> <p>Zhonghan Electronics (Shenzhen) Co., Ltd. Building A2 in Section A, Building 4, 6, 7 in Section C, JuYuan Industrial Zone, TangWei Village, FuHai Town, BaoAn Dist., ShenZhen City, Guangdong, P.R. China</p> <p>Wuxi SPI Technology Co., Ltd. No. 96, Xinmei Road, New District, Wuxi city, Jiangsu, P.R. China</p> <p>ZHONGHAN SCIENCE & TECH CO. LTD Building 9, Section B, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District. ShenZhen City, Guangdong, China</p> <p>Wuxi ZhongHan Technology Co., Ltd Block 106-E, Wuxi Nation HI-TECH Industrial, Development Zone, Wuxi City, Jiangsu, Province, P.R. China</p> <p>ShenZhen HuiLi Electronics CO., LTD Block A, Building 3, No. 5185, YeeYuan Rd., County 74, Xin'an, Bao'an, Shenzhen, Guangdong, P.R. China</p> <p>ShenZhen HuiLi Electronics CO., LTD Building B & G, Peace Hi-tech Industrial Zone, Peace Village, FuHai Town, Bao'an, Shenzhen, Guangdong, P.R. China</p> <p>Additional Information: Additionally evaluated to EN 62368-1:2014 / A11: 2017. National Difference specified in the CB Test Report The original report was modified to include the following changes/additions: 1. For FSP250-50FEB, FSP250-50FEB(A): Alternate output from +12V/18A to +12V/18 or 21A.</p>									
<p>Additional information (if necessary)</p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;">  </div> <div style="flex: 2;"> <table border="0"> <tr> <td><input type="checkbox"/></td> <td>UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK</td> </tr> <tr> <td><input type="checkbox"/></td> <td>UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN</td> </tr> <tr> <td><input type="checkbox"/></td> <td>UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA</td> </tr> </table> <p style="text-align: right; font-size: small;">For full legal entity names see www.ul.com/ncbnames</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div> <p>Date: 2019-07-08</p> <p>Original Issue Date: 2018-12-27</p> </div> <div style="text-align: center;">  <p>Signature: Jan-Erik Storgaard</p> </div> </div>		<input type="checkbox"/>	UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA	<input checked="" type="checkbox"/>	UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK	<input type="checkbox"/>	UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN	<input type="checkbox"/>	UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA
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<input type="checkbox"/>	UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA								



Ref. Certif. No.

DK-79546-A1-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

FSP Group Inc.
No. 22, Jianguo E. Rd., Taoyuan City 330, Taiwan

Name and address of the manufacturer

FSP GROUP INC.
22, JIANGUO E RD. TAOYUAN CITY 330, TAIWAN

Name and address of the factory

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

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☒ Additional Information on page 2

Ratings and principal characteristics

I/P:
1) 100-240Vac , 4-2A, 60-50Hz (for xxx can be 250, 220, 200,
FSP250-50TEB, FSP220-51FEB)
2) 100-240Vac , 3-1.5A, 60-50Hz (for xxx can be 180, 150)
O/P: See test report for details.

Trademark / Brand (if any)



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

Model / Type Ref.

- 1) FSPxxx-50FEB (xxx=250, 220, 200, 180, 150)
- 2) FSPxxx-50FEB(A) (xxx=250, 220, 200, 180, 150)
- 3) FSP250-50TEB
- 4) FSP220-51FEB

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

The report was revised to include administrative modifications
☒ 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

PSE107-0889-1-C issued on 2019-11-18

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

Date: 2019-11-20

Signature:

Original Issue Date: 2018-12-27

Jan-Erik Storgaard

	<table border="1"> <tr> <td>Ref. Certif. No.</td> </tr> <tr> <td>DK-79546-A1-UL</td> </tr> </table>	Ref. Certif. No.	DK-79546-A1-UL						
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DK-79546-A1-UL									
<p>Factories:</p> <p>Zhonghan Electronics (Shenzhen) Co., Ltd. Building A2 in Section A, Building 4, 6, 7 in Section C, JuYuan Industrial Zone, TangWei Village, FuHai Town, BaoAn Dist., ShenZhen City, Guangdong, P.R. China</p> <p>Wuxi SPI Technology Co., Ltd. No. 96, Xinmei Road, New District, Wuxi city, Jiangsu, P.R. China</p> <p>ZHONGHAN SCIENCE & TECH CO. LTD Building 9, Section B, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District. ShenZhen City, Guangdong, China</p> <p>Wuxi ZhongHan Technology Co., Ltd Block 106-E, Wuxi Nation HI-TECH Industrial, Development Zone, Wuxi City, Jiangsu, Province, P.R. China</p> <p>ShenZhen HuiLi Electronics CO., LTD Block A, Building 3, No. 5185, YeeYuan Rd., County 74, Xin'an, Bao'an, Shenzhen, Guangdong, P.R. China</p> <p>ShenZhen HuiLi Electronics CO., LTD Building B & G, Peace Hi-tech Industrial Zone, Peace Village, FuHai Town, Bao'an, Shenzhen, Guangdong, P.R. China</p> <p>Ziqiang Factory of FSP Technology Inc. 2F., No. 722, Ziqiang S. Rd., Guishan Dist., Taoyuan City 333 Taiwan.</p> <p>ShenZhen HuiLi Electronics CO., LTD. Building C4-C11, No. 352, LiuTang Rd., County 73, Bu'Xin Village, Xin'an, Bao'an, Shenzhen, Guangdong, China</p> <p>Additional Information: Additionally evaluated to EN 62368-1:2014 / A11: 2017. National Difference specified in the CB Test Report The original report was modified to include the following changes/additions: Alternate factory for 8), 9), see Name and address of factory (ies)</p>									
<p>Additional information (if necessary)</p> <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">  </div> <div> <table border="0"> <tr> <td><input type="checkbox"/></td> <td>UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>UL (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK</td> </tr> <tr> <td><input type="checkbox"/></td> <td>UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN</td> </tr> <tr> <td><input type="checkbox"/></td> <td>UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA</td> </tr> </table> <p style="text-align: right; font-size: small;">For full legal entity names see www.ul.com/ncbnames</p> </div> </div> <div style="margin-top: 20px; display: flex; justify-content: space-between;"> <div> <p>Date: 2019-11-20 Original Issue Date: 2018-12-27</p> </div> <div style="text-align: center;">  <p>Signature: Jan-Erik Storgaard</p> </div> </div>		<input type="checkbox"/>	UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA	<input checked="" type="checkbox"/>	UL (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK	<input type="checkbox"/>	UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN	<input type="checkbox"/>	UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA
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