



全漢企業股份有限公司

安規證書

料號 :
Model Name : FSP100-P35-B19,FSP150-P35-A12,FSP150-P35-A24,FSP150-P35-A54,FSP150-WSPF35-Z12,FSP150-P35-D12
版次 : 08
文件編號 : SFD-00001477
作者 : kent/葉泰宏(FSP)
Model No/Type : FSP100-P35-B19,FSP150-P35-A12,FSP150-P35-A24,FSP150-P35-A54,FSP150-WSPF35-Z12,FSP150-P35-D12
SFA NO. : SFA211111106
Trade mark : FSP
安規種類 : CB 62368
發行日期 : 2022/11/22 15:43:58
備註 : 歐盟62368第二版法規的適用期,同意從2023-01-06起往後順延18個月,故修改安規到期日



Ref. Certif. No.

CA/20930M3/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

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

ShenZhen HuiLi Electronics CO., LTD.
Building C4(101~301)-C11, No. 352, LiuTang Rd., County
73, Bu'Xin Village, Xin'an, Bao'an, Shenzhen, Guangdong,
P. R. China☒ Additional Information on page 2

Ratings and principal characteristics

Input: 100-240 Vac, 50-60 Hz, 2.4 A
Output: See Additional Information on page 2

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

1) FSP100-P35-B19, 2) FSP150-P35-A12
3) FSP150-P35-A24, 4) FSP150-P35-A54,
5) FSP150-WSPF35-Z12, 6) FSP150-P35-D12

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

☒ 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 188668-70154211 (80118260)

This CB Test Certificate is issued by the National Certification Body

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

Date: 2022-06-24

Signature: William Meng



Ref. Certif. No.

CA/20930M3/CSA

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

Wuxi SPI Technology Co., Ltd.

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

Wuxi ZhongHan Technology Co., Ltd.

Block 106-D, Wuxi Nation HI-TECH Industrial, Development Zone, Wuxi City, Jiangsu, Province,
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

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

FSP Technology Inc. Taoyuan Plant 3

5F., No. 6, 4F., No. 6, No.6, Xinglong Rd., Taoyuan Dist., Taoyuan City, 330
Taiwan

ZHONGHAN SCIENCE & TECH CO. LTD

Building 8 & 9, Section B, JuYuan Industrial Zone, ChiaoTang Rd., TangWei Village, FuHai Town, BaoAn District. ShenZhen City, Guangdong,
P.R. China

Ratings and principal characteristics

Output:

- 1) 19Vdc, 5.27A Max.
- 2), 5), 6) 100W Max.: 12Vdc, 8.4A Max.; or
150W Max.: 12Vdc, 12.5A Max., 12Vdc. 0.5A Max. (Fan driver)
- 3) 100W Max.: 24Vdc, 4.16A Max.; or
150W Max.: 24Vdc, 6.25A Max., 12Vdc. 0.5A Max. (Fan driver)
- 4) 100W Max.: 54Vdc, 1.85A Max.; or
150W Max.: 54Vdc, 2.77A Max., 12Vdc. 0.5A Max. (Fan driver)

Additional information (if necessary)

This test report shall be read in conjunction with the following CB Test Report No. CB 188668-70154211, with CB certificate No. CA/20930/CSA; Report No. CB 188668-70154211(80007358) with CB certificate No. CA/20930M1/CSA and Report No. CB 188668-70154211(80075482) with CB certificate No. CA/20930M2/CSA

Original report was modified due to include the following changes/additions:

1. Added a new model FSP150-P35-D12 with the all new PWB and transformer & magnetics
2. Added alternate factory and revised the address of ShenZhen HuiLi Electronics CO., LTD.
3. Added alternate source in table 4.1.2

Date: 2022-06-24

Signature: William Meng



Ref. Certif. No.

CA/20930M2/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

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

Zhonghan Electronics (Shenzhen) Co., Ltd.
Building A2 in Section A, Building 4,6,7 in Section C,
JuYuan Industrial Zone, TangWei Village, FuYong Town,
BaoAn District, ShenZhen City, Guangdong, China☒ Additional Information on page 2

Ratings and principal characteristics

Input: 100-240 Vac, 50-60 Hz, 2.4 A
Output: See Additional Information on page 2

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

1) FSP100-P35-B19, 2) FSP150-P35-A12,
3) FSP150-P35-A24, 4) FSP150-P35-A54,
5) FSP150-WSPF35-Z12

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

☒ 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 188668-70154211(80075482)

This CB Test Certificate is issued by the National Certification Body

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

Date: 2021-03-31

Signature: William Meng



Ref. Certif. No.

CA/20930M2/CSA

Name and address of additional factories

Wuxi SPI Technology Co., Ltd.

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

ShenZhen HuiLi Electronics Co., LTD.

Block C, Building 4,6,7,8,9,10,11, County 73,
Xin'an, Bao'an, Shenzhen Guangdong,
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,
China

ShenZhen HuiLi Electronics Co., LTD.

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

ShenZhen HuiLi Electronics Co., LTD

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

Ziqiang Factory of FSP Technology Inc.

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

Ratings and principal characteristics

Output:

- 1) 19Vdc, 5.27A Max.;
- 2) & 5) 100W Max.: 12Vdc, 8.4A Max.; or
150W Max.:12Vdc, 12.5A Max., 12Vdc. 0.5A Max. (Fan Driver);
- 3) 100W Max.: 24Vdc, 4.16A Max.; or
150W Max.: 24Vdc, 6.25A Max., 12Vdc. 0.5A Max. (Fan driver)
- 4) 100W Max.: 54Vdc, 1.85A Max.; or
150W Max.: 54Vdc, 2.77A Max., 12Vdc. 0.5A Max. (Fan driver)

Additional information (if necessary)

This test report shall be read in conjunction with the following CB Test Report No. CB 188668-70154211, dated 2017-12-27 with CB certificate No. CA/20930/CSA, dated 2018-01-05; Report No. CB 188668-70154211(80007358), dated 2019-07-09 with CB certificate No. CA/20930M1/CSA, dated 2019-07-09
Original report was modified due to include the following changes/additions:

1. Add an alternate factory
2. Change rating of TH100
3. Add alternate source for AC Connector, Varistor, Y-Capacitor and Photo Coupler
4. Delete Transformer (T150)/8TT00642 of model FSP150-P35-A12
5. Delete Transformer (T150)/8TT00575 of model FSP150-WSPF35-Z12
6. Replace photo of model FSP150-P35-A12

Date: 2021-03-31

Signature: William Meng

	Ref. Certif. No. CA/20930M1/CSA																								
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME																									
CB TEST CERTIFICATE <table border="1"> <tr> <td data-bbox="212 568 686 627">Product</td> <td data-bbox="686 568 1372 627">Switching Power Supply</td> </tr> <tr> <td data-bbox="212 627 686 685">Name and address of the applicant</td> <td data-bbox="686 627 1372 685">FSP Group Inc No. 22, Jianguo E. Road, Taoyuan 330 Taiwan</td> </tr> <tr> <td data-bbox="212 685 686 743">Name and address of the manufacturer</td> <td data-bbox="686 685 1372 743">FSP Group Inc No. 22, Jianguo E. Road, Taoyuan 330 Taiwan</td> </tr> <tr> <td data-bbox="212 743 686 801">Name and address of the factory</td> <td data-bbox="686 743 1372 801">Zhonghan Electronics (Shenzhen) Co., Ltd. Building A2 in Section A, Building 4,6,7 in Section C, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District, ShenZhen City, Guangdong, China</td> </tr> <tr> <td data-bbox="212 801 686 837"> Note: When more than one factory, please report on page 2 </td> <td data-bbox="686 801 1372 837"> ☒ Additional Information on page 2 </td> </tr> <tr> <td data-bbox="212 837 686 896">Ratings and principal characteristics</td> <td data-bbox="686 837 1372 896">Input: 100-240 Vac, 50-60 Hz, 2.4 A Output: See Additional Information on page 2</td> </tr> <tr> <td data-bbox="212 896 686 954">Trademark (if any)</td> <td data-bbox="686 896 1372 954">  </td> </tr> <tr> <td data-bbox="212 954 686 1012">Customer's Testing Facility (CTF) Stage used</td> <td data-bbox="686 954 1372 1012">N/A</td> </tr> <tr> <td data-bbox="212 1012 686 1070">Model / Type Ref.</td> <td data-bbox="686 1012 1372 1070">1) FSP100-P35-B19, 2) FSP150-P35-A12, 3) FSP150-P35-A24, 4) FSP150-P35-A54, 5) FSP150-WSPF35-Z12</td> </tr> <tr> <td data-bbox="212 1070 686 1128">Additional information (if necessary may also be reported on page 2)</td> <td data-bbox="686 1070 1372 1128"> Additionally the product was evaluated to the requirements of EN 62368-1:2014+A11:2017 ☒ Additional Information on page 2 </td> </tr> <tr> <td data-bbox="212 1128 686 1187">A sample of the product was tested and found to be in conformity with</td> <td data-bbox="686 1128 1372 1187">IEC 62368-1: 2014</td> </tr> <tr> <td data-bbox="212 1187 686 1245">As shown in the Test Report Ref. No. which forms part of this Certificate</td> <td data-bbox="686 1187 1372 1245">CB 188668-70154211 (80007358)</td> </tr> </table> This CB Test Certificate is issued by the National Certification Body		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	Zhonghan Electronics (Shenzhen) Co., Ltd. Building A2 in Section A, Building 4,6,7 in Section C, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District, ShenZhen City, Guangdong, China	Note: When more than one factory, please report on page 2	☒ Additional Information on page 2	Ratings and principal characteristics	Input: 100-240 Vac, 50-60 Hz, 2.4 A Output: See Additional Information on page 2	Trademark (if any)		Customer's Testing Facility (CTF) Stage used	N/A	Model / Type Ref.	1) FSP100-P35-B19, 2) FSP150-P35-A12, 3) FSP150-P35-A24, 4) FSP150-P35-A54, 5) FSP150-WSPF35-Z12	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 ☒ 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 188668-70154211 (80007358)
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	Zhonghan Electronics (Shenzhen) Co., Ltd. Building A2 in Section A, Building 4,6,7 in Section C, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District, ShenZhen City, Guangdong, China																								
Note: When more than one factory, please report on page 2	☒ Additional Information on page 2																								
Ratings and principal characteristics	Input: 100-240 Vac, 50-60 Hz, 2.4 A Output: See Additional Information on page 2																								
Trademark (if any)																									
Customer's Testing Facility (CTF) Stage used	N/A																								
Model / Type Ref.	1) FSP100-P35-B19, 2) FSP150-P35-A12, 3) FSP150-P35-A24, 4) FSP150-P35-A54, 5) FSP150-WSPF35-Z12																								
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 ☒ 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 188668-70154211 (80007358)																								
<table border="1"> <tr> <td data-bbox="212 1792 430 1993">  </td> <td data-bbox="430 1792 877 1993"> CSA Group 178 Rexdale Boulevard Toronto, ON M9W 1R3 Canada </td> <td data-bbox="877 1792 1372 1993">  Signature: William Meng </td> </tr> </table> Date: 2019-07-09		CSA Group 178 Rexdale Boulevard Toronto, ON M9W 1R3 Canada	 Signature: William Meng																						
	CSA Group 178 Rexdale Boulevard Toronto, ON M9W 1R3 Canada	 Signature: William Meng																							

	Ref. Certif. No. CA/20930M1/CSA
---	---

Name and address of additional factories

Wuxi SPI Technology Co., Ltd. No.96, Xinmei Road, New District Wuxi city, Jiangsu, China ZHONGHAN SCIENCE & TECH CO. LTD. Building 9, Section B, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District. ShenZhen City, Guangdong, China ShenZhen HuiLi Electronics Co., LTD. Building C4-C11, No. 352, LiuTang Rd., County 73, Bu'Xin Village, Xin'an, Bao'an, Shenzhen, Guangdong, China	ShenZhen HuiLi Electronics Co., LTD. Block C, Building 4,6,7,8,9,10,11, County 73, Xin'an, Bao'an, Shenzhen Guangdong, China Wuxi Zhonghan Technology Co., Ltd. Block 106-E, Wuxi Nation HI-TECH Industrial Development Zone, Wuxi City, Jiangsu Province, China ShenZhen HuiLi Electronics Co., LTD Building B & G, Peace Hi-tech Industrial Zone, Peace Village, FuHai Town, Bao'an, Shenzhen, China
---	---

Ratings and principal characteristics

Output:

- 1) 19Vdc, 5.27A Max.;
- 2) & 5) 100W Max.: 12Vdc, 8.4A Max.; or
150W Max.:12Vdc, 12.5A Max., 12Vdc. 0.5A Max. (Fan Driver);
- 3) 100W Max.: 24Vdc, 4.16A Max.; or
150W Max.: 24Vdc, 6.25A Max., 12Vdc. 0.5A Max. (Fan driver)
- 4) 100W Max.: 54Vdc, 1.85A Max.; or
150W Max.: 54Vdc, 2.77A Max., 12Vdc. 0.5A Max. (Fan driver)

Additional information (if necessary)

- Project 80007358: Amendment 1
This test report shall be read in conjunction with the original test report;
Report No. 188668-70154211 dated 2017-12-27 with CBTC No. CA/20930/CSA dated 2018-01-05.

This CB report is modification changed report from CSA group issued CBTC/TR for:

- 1) Add new model FSP150-WSPF35-Z12.
- 2) Add one Mylar Sheet only for model FSP150-WSPF35-Z12.
- 3) Add one metal plate only for model FSP150-WSPF35-Z12.
- 4) Add one transformer (P/N.: 8TT00642) only for model FSP150-WSPF35-Z12.
- 5) Alternate one Choke (LF102) only for model FSP150-WSPF35-Z12.
- 6) Change Class of equipment from Class II to Class I.
- 7) Change address of ShenZhen HuiLi Electronics Co., LTD. to Building C4-C11, No. 352, LiuTang Rd.,
County 73, Bu'Xin Village, Xin'an, Bao'an, Shenzhen, Guangdong, China
- 8) Add new factory ShenZhen HuiLi Electronics Co., LTD/ Building B & G, Peace Hi-tech Industrial Zone,
Peace Village, FuHai Town, Bao'an, Shenzhen.
- 9) Delete insulation tape in the Critical Component Table per client's request.



Date: 2019-07-09

Signature: William Meng

	Ref. Certif. No. CA/20930/CSA			
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME				
CB TEST CERTIFICATE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%; vertical-align: top; padding: 5px;"> Product Name and address of the applicant Name and address of the manufacturer Name and address of the factory Note: When more than one factory, please report on page 2 Ratings and principal characteristics Trademark (if any) Customer's Testing Facility (CTF) Stage used Model / Type Ref. Additional information (if necessary may also be reported on page 2) A sample of the product was tested and found to be in conformity with As shown in the Test Report Ref. No. which forms part of this Certificate </td> <td style="width: 60%; vertical-align: top; padding: 5px; background-color: #f0f0f0;"> Switching Power Supply FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan Zhonghan Electronics (Shenzhen) Co., Ltd. Building A2 in Section A, Building 4,6,7 in Section C, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District, ShenZhen City, Guangdong, China Additional Information on page 2 Input: 100-240 Vac, 50-60 Hz, 2.4 A Output: See Additional Information on page 2  N/A 1) FSP100-P35-B19, 2) FSP150-P35-A12, 3) FSP150-P35-A24, 4) FSP150-P35-A54 Additionally the product was evaluated to the requirements of EN 62368-1:2014. Additional Information on page 2 IEC 62368-1: 2014 CB 188668-70154211 </td> </tr> </table> This CB Test Certificate is issued by the National Certification Body		Product Name and address of the applicant Name and address of the manufacturer Name and address of the factory Note: When more than one factory, please report on page 2 Ratings and principal characteristics Trademark (if any) Customer's Testing Facility (CTF) Stage used Model / Type Ref. Additional information (if necessary may also be reported on page 2) A sample of the product was tested and found to be in conformity with As shown in the Test Report Ref. No. which forms part of this Certificate	Switching Power Supply FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan Zhonghan Electronics (Shenzhen) Co., Ltd. Building A2 in Section A, Building 4,6,7 in Section C, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District, ShenZhen City, Guangdong, China Additional Information on page 2 Input: 100-240 Vac, 50-60 Hz, 2.4 A Output: See Additional Information on page 2  N/A 1) FSP100-P35-B19, 2) FSP150-P35-A12, 3) FSP150-P35-A24, 4) FSP150-P35-A54 Additionally the product was evaluated to the requirements of EN 62368-1:2014. Additional Information on page 2 IEC 62368-1: 2014 CB 188668-70154211	
Product Name and address of the applicant Name and address of the manufacturer Name and address of the factory Note: When more than one factory, please report on page 2 Ratings and principal characteristics Trademark (if any) Customer's Testing Facility (CTF) Stage used Model / Type Ref. Additional information (if necessary may also be reported on page 2) A sample of the product was tested and found to be in conformity with As shown in the Test Report Ref. No. which forms part of this Certificate	Switching Power Supply FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan FSP Group Inc. No. 22, Jianguo E. Road, Taoyuan 330 Taiwan Zhonghan Electronics (Shenzhen) Co., Ltd. Building A2 in Section A, Building 4,6,7 in Section C, JuYuan Industrial Zone, TangWei Village, FuYong Town, BaoAn District, ShenZhen City, Guangdong, China Additional Information on page 2 Input: 100-240 Vac, 50-60 Hz, 2.4 A Output: See Additional Information on page 2  N/A 1) FSP100-P35-B19, 2) FSP150-P35-A12, 3) FSP150-P35-A24, 4) FSP150-P35-A54 Additionally the product was evaluated to the requirements of EN 62368-1:2014. Additional Information on page 2 IEC 62368-1: 2014 CB 188668-70154211			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center; vertical-align: middle;">  CSA Group </td> <td style="width: 40%; vertical-align: top; padding-left: 10px;"> CSA Group 178 Rexdale Boulevard Toronto, ON M9W 1R3 Canada </td> <td style="width: 30%; text-align: center; vertical-align: middle;">  </td> </tr> </table> Date: 2018-01-05 Signature: William Meng		 CSA Group	CSA Group 178 Rexdale Boulevard Toronto, ON M9W 1R3 Canada	
 CSA Group	CSA Group 178 Rexdale Boulevard Toronto, ON M9W 1R3 Canada			

	Ref. Certif. No. CA/20930/CSA
--	---

Name and address of the factory

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

ShenZhen HuiLi Electronics Co., LTD.
Block C, Building 4,6,7,8,9,10,11, County 73, Xin'an, Bao'an, Shenzhen Guangdong, 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, China

ShenZhen HuiLi Electronics Co., LTD.
Block C, Building 4,6,7,8,9,10,11, County 73, Xin'an, Bao'an, (Block A, Building 3, No. 5185, Yee Yuan Rd.,
County 74, Bao'an), Shenzhen Guangdong, China

Ratings and principal characteristics

Output:

- 1) 19Vdc, 5.27A Max.;
- 2) 100W Max.: 12Vdc, 8.4A Max.; or
150W Max.:12Vdc, 12.5A Max., 12Vdc. 0.5A Max. (Fan Driver);
- 3) 100W Max.: 24Vdc, 4.16A Max.; or
150W Max.: 24Vdc, 6.25A Max., 12Vdc. 0.5A Max. (Fan driver)
- 4) 100W Max.: 54Vdc, 1.85A Max.; or
150W Max.: 54Vdc, 2.77A Max., 12Vdc. 0.5A Max. (Fan driver)

Additional information (if necessary)



Date:

2018-01-05

Signature:

William Meng