



Ref. Certif. No.

**DK-142405-M1-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

Phihong Technology Co., Ltd.  
No. 568, Fuxing 3rd Rd., Guishan District, Taoyuan City, Taiwan

Name and address of the manufacturer

Phihong Technology Co., Ltd.  
No. 568, Fuxing 3rd Rd., Guishan District, Taoyuan City, Taiwan

Name and address of the factory

Phihong (Dongguan) Electronics Co., Ltd.  
Keji Rd, Yinhu Ind. Zone, Qingxi Town, Dong Guan City, Guang Dong,  
P.R. China

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

Additional Information on page 2

Ratings and principal characteristics

AC input: 100-240 V~, 1.6 A, 50-60 Hz  
 Additional Information on page 2

Trademark / Brand (if any)

PHIHONG



Customer's Testing Facility (CTF) Stage used

AA120X-540B, AA120X-480B, AA120X-240B, AA120X-120B1, AA120X-120B

Model / Type Ref.

X=W

Additional Information on page 2

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

**Additionally evaluated to:** EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020. National Differences: EU Group Differences, AU, CA, CN, JP, NZ, SA, SG, GB, US

Class II

The report was revised to include technical modifications.

Additional Information on page 2

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

IEC 62368-1:2018

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

2308049-CB-M1 issued on 2023-09-06

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (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: 2023-09-08

Original Issue Date: 2023-06-26

Signature:

Thomas Wilson



Ref. Certif. No.

**DK-142405-M1-UL**

**Factory(ies):**

Dongguan Phitek Electronics Co., Ltd.  
Room 101, No. 5 Floor, No. 133-1, Tiesong Rd., Qingxi Town, Dongguan City, Guang Dong,  
P.R. China

Phihong (Dongguan) Electronics Co., Ltd. Qingxi Tiesong Site  
Room 102, No. 5 Floor, No. 133-1, Tiesong Rd., Qingxi Town, Dongguan City, Guang Dong,  
P.R. China

PHIHONG VIETNAM CO.,LTD  
Land plot B34, B35, B36, B37 in Lot CN5, An Duong Industrial Zone, Hong Phong commune, An Duong district, Hai Phong city,  
VietNam

**Additional Model Detail(s):**

AA120X-540B, AA120X-480B, AA120X-240B, AA120X-120B1, AA120X-120B,  
X=W representing different type configuration of AC inlet.W represents C8 type.

**Additional Ratings:**

AC input:  
100-240 V~, 1.6 A, 50-60 Hz  
DC Output:  
AA120X-120B: 12.0 V d.c., 9.0 A, 108.0 W  
AA120X-120B1: 12.0 V d.c., 10.0 A, 120.0 W  
AA120X-240B: 24.0 V d.c., 5.0 A, 120.0 W  
AA120X-480B: 48.0 V d.c., 2.5 A, 120.0 W  
AA120X-540B: 54.0 V d.c., 2.22 A, 120.0 W

**Summary of Modifications:**

- 1. Added alternate source of Appliance Inlet, X-Capacitor, Y Capacitor and Bridge Capacitor.;
- 2. Update Critical components.;
- 3. Update Summary of Compliance with National Differences.

**Additional information (if necessary)**



- UL Solutions (US), 333 Pflingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (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: 2023-09-08  
Original Issue Date: 2023-06-26

Signature:

Thomas Wilson



Ref. Certif. No.

**DK-142404-M1-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

Phihong Technology Co., Ltd.  
No. 568, Fuxing 3rd Rd., Guishan District, Taoyuan City, Taiwan

Name and address of the manufacturer

Phihong Technology Co., Ltd.  
No. 568, Fuxing 3rd Rd., Guishan District, Taoyuan City, Taiwan

Name and address of the factory

Phihong (Dongguan) Electronics Co., Ltd.  
Keji Rd, Yinhu Ind. Zone, Qingxi Town, Dong Guan City, Guang Dong,  
P.R. China

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

Additional Information on page 2

Ratings and principal characteristics

AC input: 100-240 V~, 1.6 A, 50-60 Hz

Additional Information on page 2

Trademark / Brand (if any)

PHIHONG



Customer's Testing Facility (CTF) Stage used

AA120X-540B, AA120X-120B1, AA120X-480B, AA120X-120B, AA120X-240B

Model / Type Ref.

X=U, M

Additional Information on page 2

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

**Additionally evaluated to:** EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020. National Differences: EU Group Differences, AU, CA, CN, JP, NZ, SA, SG, GB, US

Class I

The report was revised to include technical modifications.

Additional Information on page 2

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

IEC 62368-1:2018

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

2308049-CB-M1 issued on 2023-09-06

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (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: 2023-09-08

Original Issue Date: 2023-06-26

Signature:

Thomas Wilson



Ref. Certif. No.

**DK-142404-M1-UL**

**Factory(ies):**

Dongguan Phitek Electronics Co., Ltd.  
Room 101, No. 5 Floor, No. 133-1, Tiesong Rd., Qingxi Town, Dongguan City, Guang Dong,  
P.R. China

Phihong (Dongguan) Electronics Co., Ltd. Qingxi Tiesong Site  
Room 102, No. 5 Floor, No. 133-1, Tiesong Rd., Qingxi Town, Dongguan City, Guang Dong,  
P.R. China

PHIHONG VIETNAM CO.,LTD  
Land plot B34, B35, B36, B37 in Lot CN5, An Duong Industrial Zone, Hong Phong commune, An Duong district, Hai Phong city,  
VietNam

**Additional Model Detail(s):**

AA120X-120B, AA120X-120B1, AA120X-240B, AA120X-480B and AA120X-540B  
X=U, M representing different type configuration of AC inlet, U represents C14 type, M represents C6 type

**Additional Ratings:**

AC input:  
100-240 V~, 1.6 A, 50-60 Hz

DC Output:  
AA120X-120B: 12.0 V d.c., 9.0 A, 108.0 W  
AA120X-120B1: 12.0 V d.c., 10.0 A, 120.0 W  
AA120X-240B: 24.0 V d.c., 5.0 A, 120.0 W  
AA120X-480B: 48.0 V d.c., 2.5 A, 120.0 W  
AA120X-540B: 54.0 V d.c., 2.22 A, 120.0 W

**Summary of Modifications:**

1. Added alternate source of Appliance Inlet, X-Capacitor, Y Capacitor and Bridge Capacitor.;
2. Update Critical components.;
3. Update Summary of Compliance with National Differences.

**Additional information (if necessary)**



- UL Solutions (US), 333 Pflingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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Date: 2023-09-08  
Original Issue Date: 2023-06-26

Signature:

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Ref. Certif. No.

**DK-142404-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

Phihong Technology Co., Ltd.  
No. 568, Fuxing 3rd Rd., Guishan District, Taoyuan City,  
Taiwan

Name and address of the manufacturer

Phihong Technology Co., Ltd.  
No. 568, Fuxing 3rd Rd., Guishan District, Taoyuan City,  
Taiwan

Name and address of the factory

Phihong (Dongguan) Electronics Co., Ltd.  
Keji Rd, Yinhu Ind. Zone, Qingxi Town, Dong Guan City, Guang Dong,  
P.R. China

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

[Additional Information on page 2](#)

Ratings and principal characteristics

AC input: 100-240 V~, 1.6 A, 50-60 Hz

[Additional Information on page 2](#)

Trademark / Brand (if any)



(trademark of PHIHONG)

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

AA120X-120B, AA120X-120B1, AA120X-240B, AA120X-480B and  
AA120X-540B

X=U, M representing different type configuration of AC inlet, U represents  
C14 type, M represents C6 type

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

**Additionally evaluated to:** EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020  
Class I

National Differences: EU Group Differences, AU, CA, CN, JP, NZ, SA, SG,  
GB, US

[Additional Information on page 2](#)

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

IEC 62368-1:2018

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

2304003-CB issued on 2023-06-16

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (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: 2023-06-26

Signature:

Thomas Wilson



Ref. Certif. No.

**DK-142404-UL**

**Factory(ies):**

Dongguan Phitek Electronics Co., Ltd.  
Room 101, No. 5 Floor, No. 133-1, Tiesong Rd., Qingxi Town, Dongguan City, Guang Dong,  
P.R. China

Phihong (Dongguan) Electronics Co., Ltd.  
Qingxi Tiesong Site Room 102, No. 5 Floor, No. 133-1, Tiesong Rd., Qingxi Town, Dongguan City, Guang Dong,  
P.R. China

PHIHONG VIETNAM CO.,LTD  
Land plot B34, B35, B36, B37 in Lot CN5, An Duong Industrial Zone, Hong Phong commune, An Duong district, Hai Phong city,  
Vietnam

**Additional Ratings:**

AC input:  
100-240 V~, 1.6 A, 50-60 Hz

DC Output:  
AA120X-120B: 12.0 V d.c., 9.0 A, 108.0 W  
AA120X-120B1: 12.0 V d.c., 10.0 A, 120.0 W  
AA120X-240B: 24.0 V d.c., 5.0 A, 120.0 W  
AA120X-480B: 48.0 V d.c., 2.5 A, 120.0 W  
AA120X-540B: 54.0 V d.c., 2.22 A, 120.0 W

**Additional information (if necessary)**



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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Date: 2023-06-26

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Ref. Certif. No.

DK-142405-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	Phihong Technology Co., Ltd. No. 568, Fuxing 3rd Rd., Guishan District, Taoyuan City, Taiwan
Name and address of the manufacturer	Phihong Technology Co., Ltd. No. 568, Fuxing 3rd Rd., Guishan District, Taoyuan City, Taiwan
Name and address of the factory	Phihong (Dongguan) Electronics Co., Ltd. Keji Rd, Yinhu Ind. Zone, Qingxi Town, Dong Guan City, Guang Dong, P.R. China <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	AC input: 100-240 V~, 1.6 A, 50-60 Hz <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Trademark / Brand (if any)	 (trademark of PHIHONG)
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	AA120X-120B, AA120X-120B1, AA120X-240B, AA120X-480B and AA120X-540B X=W representing different type configuration of AC inlet, W represents C8 type.
Additional information (if necessary may also be reported on page 2)	<b>Additionally evaluated to:</b> EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020 Class II  National Differences: EU Group Differences, AU, CA, CN, JP, NZ, SA, SG, GB, US <input type="checkbox"/> <a href="#">Additional Information on page 2</a>
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	2304003-CB issued on 2023-06-16


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- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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Signature:   
Thomas Wilson



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**DK-142405-UL**

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P.R. China

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Qingxi Tiesong Site Room 102, No. 5 Floor, No. 133-1, Tiesong Rd., Qingxi Town, Dongguan City, Guang Dong,  
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Vietnam

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AA120X-240B: 24.0 V d.c., 5.0 A, 120.0 W  
AA120X-480B: 48.0 V d.c., 2.5 A, 120.0 W  
AA120X-540B: 54.0 V d.c., 2.22 A, 120.0 W

**Additional information (if necessary)**



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- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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Thomas Wilson