



Ref. Certif. No.

DK-122746-M3-UL

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

CB TEST CERTIFICATE

Product

Switching Power Supply/Single Port Power Over Ethernet

Name and address of the applicant

Phihong Technology Co., Ltd.
568 Fu Xing 3rd Rd Guishan District Taoyuan, 33383
TAIWAN

Name and address of the manufacturer

Phihong Technology Co., Ltd.
568 Fu Xing 3rd Rd Guishan District Taoyuan, 33383
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

I/P: 100-240 Vac, 50-60 Hz, 0.8 A
O/P: 56 Vdc, 0.275 A

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

POE16E-1AFG6, POE16R-1AFG6

Model / Type Ref.

Additionally evaluated to:

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

EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020
The report was revised to include technical modifications.
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

2306046-CB-M3 issued on 2023-06-20

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

Date: 2023-06-28

Signature:

Original Issue Date: 2022-01-05

Thomas Wilson



Ref. Certif. No.

DK-122746-M3-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

Summary of Modifications:

1. Rating of C21 change to 220 pF from 100 pF;
 2. Addition description for table 4.1.2;
 3. Update National Differences;
 4. Update factory information;
- See test report for details.

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

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

Date: 2023-06-28

Signature:

Original Issue Date: 2022-01-05

Thomas Wilson



Ref. Certif. No.

DK-122746-M2-UL

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

CB TEST CERTIFICATE

Product	Switching Power Supply/Single Port Power Over Ethernet
Name and address of the applicant	PHIHONG TECHNOLOGY CO LTD 568 Fu Xing 3rd Rd Guishan District Taoyuan, 33383 Taiwan
Name and address of the manufacturer	PHIHONG TECHNOLOGY CO LTD 568 Fu Xing 3rd Rd Guishan District Taoyuan, 33383 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	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	I/P: 100-240 Vac, 50-60 Hz, 0.8 A O/P: 56 Vdc, 0.275 A
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	POE16R-1AFG6, POE16E-1AFG6
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 specified in the CB Test Report. The report was revised to include technical modifications. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	2209017-CB-M2 issued on 2022-10-21

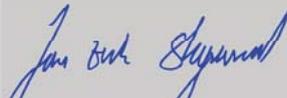
This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pflugsten 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

Date: 2022-10-26
Original Issue Date: 2022-01-05

Signature: 
Jan-Erik Storgaard



Ref. Certif. No.

DK-122746-M2-UL

Factory(ies):

Dongguan Phitek Electronics Co., Ltd.
Tiesong Village, Qingxi Town, Dong Guan City, Guang Dong
P.R. China

Phihong (Dongguan) Electronics Co., Ltd.
Qingxi Tiesong Site
Tiesong Village, Qingxi Town, Dong Guan City, Guang Dong
P.R. China

Phihong Vietnam Co., Ltd.
CN5 Plot, An Duong Industrial Zone, Hong Phong commune, An Duong district, Hai Phong city,
Vietnam

Summary of Modifications:

- Addition Model POE16E-1AFG6, see test report for details
- Addition alternate plastic material sources for Enclosure
- The section of "Test item particulars" updated
- Update National Differences
- Added statement for UK compliance with standard BS EN IEC 62368-1:2020+A11:2020
- Revised description of Power systems

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

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

Date: 2022-10-26

Signature:

Original Issue Date: 2022-01-05

Jan-Erik Storgaard



Ref. Certif. No.

DK-122746-M1-UL

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

CB TEST CERTIFICATE

Product	Switching Power Supply/Single Port Power Over Ethernet
Name and address of the applicant	Phihong Technology Co., Ltd. 568 Fu Xing 3rd Rd Guishan District Taoyuan, 33383 TAIWAN
Name and address of the manufacturer	Phihong Technology Co., Ltd. 568 Fu Xing 3rd Rd Guishan District Taoyuan, 33383 TAIWAN
Name and address of the factory	Phihong (Dongguan) Electronics Co., Ltd. Qingxi Tiesong Site Tiesong Village, Qingxi Town, Dong Guan City, Guang Dong P.R. China
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	I/P: 100-240 Vac, 50-60 Hz, 0.8 A O/P: 56 Vdc, 0.275 A
Trademark (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	POE16R-1AFG6
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 specified in the CB Test Report. The report was revised to include technical modifications. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	SU0127-21018-A1 issued on 2022-04-07

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: 2022-04-12
Original Issue Date: 2022-01-05

Signature: 
Jan-Erik Storgaard



Ref. Certif. No.

DK-122746-M1-UL

Factory(ies):

Dongguan Phitek Electronics Co., Ltd.
Tiesong Village, Qingxi Town, Dong Guan City, Guang Dong P.R. China

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

PHIHONG VIETNAM CO.,LTD
CN5 Plot, An Duong Industrial Zone, Hong Phong commune, An Duong district, Hai Phong city, Vietnam.

Summary of Modifications:

1. Update test item description;
2. Revise the table of the test item particulars, Report summary, OVERVIEW OF ENERGY SOURCES AND SAFEGUARDS and ENERGY SOURCE DIAGRAM.;
3. Revise few clause judgment;
4. Revise Critical Component List, Classification of electrical energy sources, Minimum distance through insulation, Stored discharge on capacitors, Unearthed accessible parts, Input test, Circuits intended for interconnection with building wiring (LPS), Steady force test and Drop test.;
5. Update attachment Photographs

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: 2022-04-12
Original Issue Date: 2022-01-05

Signature: 
Jan-Erik Storgaard



Ref. Certif. No.

DK-122746-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. 568 Fu Xing 3rd Rd Guishan District Taoyuan, 33383 TAIWAN
Name and address of the manufacturer	Phihong Technology Co., Ltd. 568 Fu Xing 3rd Rd Guishan District Taoyuan, 33383 TAIWAN
Name and address of the factory	Phihong (Dongguan) Electronics Co., Ltd. Qingxi Tiesong Site Tiesong Village, Qingxi Town, Dong Guan City, Guang Dong 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	I/P: 100-240 Vac, 50-60 Hz, 0.8 A O/P: 56 Vdc, 0.275 A
Trademark (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	POE16R-1AFG6
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 specified in the CB Test Report. <input type="checkbox"/> 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	SU0127-21018 issued on 2021-12-27

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/hcbnames

Date: 2022-01-05

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-122746-UL

Factory(ies):

Dongguan Phitek Electronics Co., Ltd.
Tiesong Village, Qingxi Town, Dong Guan City, Guang Dong P.R. China

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

PHIHONG VIETNAM CO.,LTD
CN5 Plot, An Duong Industrial Zone, Hong Phong commune, An Duong district, Hai Phong city, Vietnam.

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: 2022-01-05

Signature:


Jan-Erik Storgaard