




Ref. Certif. No.

**DK-133054-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	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	1) I/P: 100-240 V~, 1.9 A, 50-60 Hz O/P: 24 V <sub>DC</sub> , 6.3 A 2) I/P: 100-240 V~, 1.9 A, 50-60 Hz O/P: 12 V <sub>DC</sub> , 12.5 A <input type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	1) BI150-240A, BI150-240AP 2) BI150-120A
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 The report was revised to include technical modifications. National Differences: EU Group Differences, AU, CA, CN, JP, NZ, SA, SG, GB, US <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	23070183-TSCB01 issued on 2023-08-31


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: 2023-09-06  
Original Issue Date: 2022-10-03

Signature:   
Thomas Wilson



Ref. Certif. No.

**DK-133054-M1-UL**

**Factory(ies):**

Dongguan Phitek Electronics Co., Ltd.  
Room 101 No 5 Floor No 133-1 Tiesong Rd,  
Qingxi Town, Dongguan City, Guangdong,  
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, Guangdong,  
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. Add new model name as BI150-240AP, which is similar with original model BI150-240A except as follows::
  - a. change type and rating of Fuse (F100) from T5AH to T6.3AL;
  - b. different source of choke (L102);
  - c. slightly modify fix pin construction of heatsink HS1, HS2 and HS3;
  - d. slightly modify circuit diagram and PWB layout due to the following changes::
    - add an additional component of X-capacitor (CX101);
    - add an additional secondary component of capacitor (C206);
    - remove secondary connector (CN200);
    - add the location of C133 (not installed);
    - modify location of CN100 and R216;
    - Add Cap discharge circuits;
    - Add two additional component of capacitor (C108, C109);
2. Add new model name as BI150-120A, which is similar with original model BI150-240A except as follows::
  - a. change the output rating;
  - b. difference source of transformer (T1);
  - c. slightly modify fix pin construction of heatsink HS1, HS2 and HS3;
  - d. slightly modify circuit diagram and PWB layout due to the following changes::
    - add an additional component of X-capacitor (CX101);
    - add an additional secondary component of capacitor (C206);
    - add the location of C133 (not installed);
    - Add Cap discharge circuits;
    - Add two additional component of capacitor (C108, C109);
3. Update rating of connector (CN100);
4. Modify Summary of compliance with National Differences (List of countries addressed);
5. Modify Copy of marking plate;
6. Modify Name and address of factory

**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

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**DK-133054-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

Ratings and principal characteristics: I/P: 100-240 V~, 1.9 A, 50-60 Hz  
O/P: 24 Vdc, 6.3 A

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.: BI150-240A

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 Difference specified in the CB Test Report.

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: 22070177-TSCB01 issued on 2022-09-30

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/hcbnames](http://www.ul.com/hcbnames)

Date: 2022-10-03

Signature:

*Jan Erik Storgaard*  
Jan-Erik Storgaard



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**DK-133054-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

**Additional information (if necessary)**



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
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Date: 2022-10-03

Signature:

Jan-Erik Storgaard