

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D'ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC

**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**

Product  
Produit

Switching Power Supply for building-in

Name and address of the applicant  
Nom et adresse du demandeur

ASTEC INTERNATIONAL LTD  
16TH FL LU PLAZA  
2 WING YIP ST KWUN TONG KOWLOON  
HONG KONG

Name and address of the manufacturer  
Nom et adresse du fabricant

ASTEC INTERNATIONAL LTD - PHILIPPINE BRANCH  
3RD AND 4TH FLOOR, TECHNO PLAZA ONE BLDG  
18 ORCHARD RD, EASTWOOD CITY CYBERPARK  
BAGUMBAYAN, QUEZON CITY 1110  
PHILIPPINES

Name and address of the factory  
Nom et adresse de l'usine

ASTEC ELECTRONICS (LUODING) CO LTD  
68 BAOCHENG RD E. FUCHENG, LUODING,  
GUANGDONG, 527200  
CHINA

Note: When more than one factory, please report on page 2  
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2<sup>ème</sup> page

Additional Information on page 2  
See Page 2

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

Not Applicable

Trademark (if any)  
Marque de fabrique (si elle existe)  
Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais  
constructeur

Model / Type Ref.  
Ref. De type

73-690-0001, MP1-3E-2D-1L-1L-00-669,  
MP1-abc-abc-abc-abc-abc-abc-abc-xx  
See Page 2

Additional information (if necessary may also be  
reported on page 2)  
Les informations complémentaires (si nécessaire,,  
peuvent être indiqués sur la 2<sup>ème</sup> page

Additional Information on page 2

A sample of the product was tested and found  
to be in conformity with  
Un échantillon de ce produit a été essayé et a été  
considéré conforme à la

IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1, IEC  
60950-1(ed.2);am2

As shown in the Test Report Ref. No. which forms part  
of this Certificate  
Comme indiqué dans le Rapport d'essais numéro de  
référence qui constitue partie de ce Certificat

E186249-A161-CB-3 issued on 2017-02-21,  
E186249-A161-CB-3 issued on 2017-02-21

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**



- 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](http://www.ul.com/ncbnames)

Date: 2017-02-21  
Original Issue Date: 2015-12-17

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-50607-A1-UL**

**Model Details:**

73-690-0001, MP1-abc-abc-abc-abc-abc-abc-abc-xx and MP1-3E-2D-1L-1L-00-669,

Note: For use in Information Technology Equipment where "abc" is any alphanumeric character or blank for specific model designation. Please refer to Instruction Manual in Test Report.

**Factories:**

ZHONGSHAN GENERAL CARTON BOX FACTORY CO LTD  
62 QI GUAN RD W, .SHIQI DISTRICT, ZHONGSHAN, GUANGDONG, 528400  
CHINA

ASTEC POWER PHILIPPINES INC  
104 LAGUNA BLVD, LAGUNA TECHNOPARK, STA ROSA, LAGUNA, 4026  
PHILIPPINES

ASTEC POWER PHILS INC  
MAIN ROAD, CORNER ROAD "J", CAVITE EXPORT PROCESSING ZONE, ROSARIO, CAVITE, 4106  
PHILIPPINES

**Ratings:**

**Input rating:**

(for model 73-690-0001 and MP1-abc-abc-abc-abc-abc-abc-abc-xx):

AC 100-240 V, 15A, 50/60/400Hz

(for model MP1-3E-2D-1L-1L-00-669)

AC 74-240V, 15A, 50/60/400Hz

DC 93.5Vmin - 300Vmax, 15A

**Output rating:**

(For 73-690-0001):

DC output: +380V, 1500W max

+380V, 1200W max (for 400Hz input only)

(for MP1-abc-abc-abc-abc-abc-abc-abc-xx)

Refer details in report

(for MP1-3E-2D-1L-1L-00-669)

DC output: +5V, 72Amax

+3.3V, 36Amax

+12V, 10.2Amax

+12V, 10.2Amax(total 600W max)

**Additional Information:**

Additionally evaluated to EN 60950-1:2006 /A11:2009 /A1:2010 /A12:2011 /A2:2013; National Differences specified in the CB Test Report.

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

1. Add alternate Y-capacitor (C204, C205, C208, C209) type KY.
2. Update Factory information.

**Additional information (if necessary)**

**Information complémentaire (si nécessaire)**



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