

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 LIMITED - PHILIPPINE BRANCH  
3RD & 4TH FL, 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 POWER PHILS INC  
MAIN ROAD, CORNER ROAD "J", CAVITE EXPORT  
PROCESSING ZONE, ROSARIO CAVITE 4106  
PHILIPPINES

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

NPS42-M, NPS43-M, NPS44-M, NPS45-M, NPS48-M

Model / Type Ref.  
Ref. De type

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

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

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-A303-CB-1 issued on 2015-09-18

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: 2015-09-18

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-48612-UL**

**Factories:**

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

ASTEC ELECTRONICS (LUODING) CO LTD  
NO. 68 BAOCHENG RD E, FUCHENG, LUODING GUANGDONG 527200  
CHINA

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

**Ratings:**

Input: AC 100-250 V, 50/60 Hz, 2.5 A  
DC 140 V (MIN) - 300 V (MAX), 2.5 A

Output: DC +12V, 5.0 A MAX (For NPS43-M)  
DC +15V, 4.0 A MAX (For NPS44-M)  
DC +24V, 2.5 A MAX (For NPS45-M)  
DC +48V, 1.25 A MAX (For NPS48-M)

Maximum Output Power (For NPS43-M, NPS44-M, NPS45-M and NPS48-M):  
45 W Convection Cooling at 50degC maximum ambient  
60 W Forced Air Cooling at 50degC maximum ambient  
50 W Convection Cooling at 40degC maximum ambient  
Output derates 2.5% per degree from 50degC to 80degC ambient temperature.

Output: DC +5 V, 11 A MAX (For NPS42-M)

Maximum Output Power (For NPS42-M):  
40W Convection Cooling at 50degC maximum ambient  
55W Forced Air Cooling at 50degC maximum ambient  
45W Convection Cooling at 40degC maximum ambient  
Output derates 2.5% per degree from 50degC to 80degC ambient temperature.

**Additional information (if necessary)**

**Information complémentaire (si nécessaire)**



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