

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 LIMITED - PHILIPPINE BRANCH
3RD & 4TH FLR. TECHNO PLAZA ONE BLDG.,
#18 ORCHARD ROAD, EASTWOOD CITY CYBERPARK,
BAGUMBAYAN, QUEZON CITY 1110
PHILIPPINES

Name and address of the manufacturer
Nom et adresse du fabricant

ASTEC INTERNATIONAL LIMITED - PHILIPPINE BRANCH
3RD & 4TH FLR. TECHNO PLAZA ONE BLDG.,
#18 ORCHARD ROAD, EASTWOOD CITY CYBERPARK,
BAGUMBAYAN, QUEZON CITY 1110
PHILIPPINES

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

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

Note: When more than one factory, please report on page 2
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2^{eme} 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

LPQ200A-M, LPQ200C-M, LPQ201-M, LPQ202-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^{eme} 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-A304-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

Date: 2015-09-18

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-48619-UL

Factories:

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

ASTEC ELECTRONICS (LUODING) CO LTD
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, 3.5 A

DC 120 V (min.) - 300 V (max.), 3.0 A

OUTPUT:

LPQ200A-M, LPQ201-M:

V1: +2.97 - 16.5 Vdc, 18 A max

V2: +2.97 - 16.5 Vdc, 18 A max

V3 :+2.97 - 16.5 Vdc, 9 A max

V4: -7.2 - -16.5 Vdc, 2 A max

LPQ200C-M, LPQ202-M:

V1: +2.97 - 16.5 Vdc, 18 A max

V2: +2.97 - 16.5 Vdc, 18 A max

V3: +21.6 - 28.8 Vdc, 3 A max

V4: -7.2 - -16.5 Vdc, 2 A max

MAXIMUM OUTPUT POWER:

200 VA with 30CFM Forced Air Cooling at 50 degree C maximum ambient

100 VA with Convection Cooling at 50 degree C maximum ambient

For Convection cooling: If V1 and V2 are set to 5 V and 3 V combination and vice versa, maximum V1 and V2 combined load should not exceed 75 VA.

For Convection cooling: If V1 and V2 are set to 3 V or below combination, maximum V1 and V2 combined load should not exceed 70 VA.

Output power derates at 2.5% per degree C from 50 degree C to 70 degree C ambient temperature.

Additional information (if necessary)

Information complémentaire (si nécessaire)



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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

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