

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

## CB TEST CERTIFICATE

Product	Switching Power Supply for building-in
Name and address of the applicant	ASTEC INTERNATIONAL LTD 16TH FL LU PLAZA 2 WING YIP ST, KWUN TONG KOWLOON HONG KONG
Name and address of the manufacturer	ASTEC INTERNATIONAL LTD 16TH FL LU PLAZA 2 WING YIP ST, KWUN TONG KOWLOON HONG KONG
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	ZHONGSHAN GENERAL CARTON BOX FACTORY CO. LTD NO. 62, QI GUAN ROAD WEST, SHIQI DISTRICT, ZHONGSHAN CITY, GUANGDONG, 528400 PEOPLE'S REPUBLIC OF CHINA <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Ratings and principal characteristics	See Page 2
Trademark (if any)	None
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 1
Model / Type Ref.	NPS64-M, NPS62-M, NPS63-M, NPS65-M
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	E186249-A6012-CB-1 issued on 2019-01-23

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

Date: 2019-01-24

Signature:

Jan-Erik Storgaard



Factories:

ASTEC ELECTRONICS (LUODING) CO. LIMITED  
NO. 68 BAOCHENG ROAD EAST, FUCHENG, LUODING, GUANGDONG, 527200  
PEOPLE'S REPUBLIC OF CHINA

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

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

Ratings:

INPUT:

AC 100-250 V, 50/60 Hz, 2.5 A  
DC 140 V (min.) - 300 V (max.), 2.5 A

OUTPUT:

Model NPS63-M:

DC + 12 V, 5.0 A max

Model NPS65-M:

DC + 24 V, 2.5 A max.

Model NPS62-M:

DC + 5 V, 11.0 A max.

Model NPS64-M:

DC + 15 V, 4.0 A max.

MAXIMUM OUTPUT POWER:

Models NPS63-M, NPS65-M and NPS64-M:

60 W with 30CFM Forced Air Cooling at 50 deg C maximum ambient

60 W with Convection Cooling at 50 deg C maximum ambient

Model NPS62-M:

55W with 30CFM Forced Air Cooling at 50 deg C maximum ambient

55W with Convection Cooling at 50 deg C maximum ambient

Output power derates at 2.5% per °C from 50 °C to 80°C ambient temperature

Additional Information:

Additionally evaluated to EN 62368-1:2014 / A11:2017

National Difference specified in the CB Test Report

Class I

**Additional information (if necessary)**



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