



Product Service

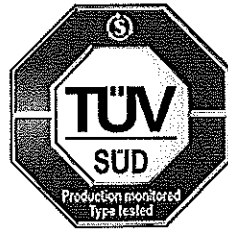
# CERTIFICATE

No. B 12 02 51485 01057

**Holder of Certificate: Astec International Limited  
- Philippine Branch**

3rd & 4th Floor, Techno Plaza One Bldg  
#18 Orchard Road  
Eastwood City Cyberpark, Bagumbayan  
1110 Quezon City  
PHILIPPINES

**Certification Mark:**



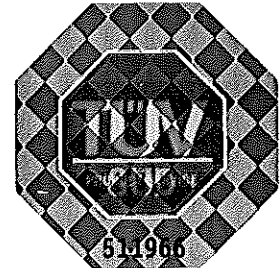
**Product:**

**Switch mode power supplies  
(Switching Mode Power Supply For  
Building-in)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:**

682301200901



**Date,** 2012-03-01

*(Handwritten signature)*  
( Jimmy Huang )

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**No. B 12 02 51485 01057**

**Model(s): LPS42-M, LPS43-M, LPS44-M, LPS45-M, LPT42-M**

**Brand Name: ASTEC**

**Parameters:**

Rated AC Input :	100-250VAC, 50/60Hz, 1.6A or 140-300VDC, 1.0A
Rated Output :	+5VDC, 11A [LPS42-M]; +12VDC, 4.59A [LPS43-M]; +15VDC, 3.67A [LPS44-M]; +24VDC, 2.3A [LPS45-M]; +5VDC, 5A; +12VDC, 2.5A; -12VDC, 0.7A [LPT42-M] Maximum output power: 40W with convection cooling 55W with 30CFM forced-air cooling
Construction :	Built-in Component
Protection Class :	I
Degree of Protection :	IPX0

**Remarks :**

1. When installing these equipments, all requirements of the mentioned standard must be fulfilled.
  2. Clearance distance was evaluated for operating altitude up to 3048m above sea level.
  3. Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating temperature.
  4. Overcurrent protection device shall be provided in the neutral in the end product. The power supply only provided a 2.5A fuse in the line.
  5. Built-in type equipment, suitable enclosure should be provided in end system.
  6. This power supply also evaluated according to EN 60601-1:2006 with following condition:
    - The output was not evaluated as patient connected circuits.
    - Compliance with the requirements for EMC shall be evaluated for the end use product.
    - This product has been investigated only as a component part for use in equipment where the suitability of the combination is subject to end product investigation.
    - This power supply must be installed in accordance with the instruction manual.
    - This power supply is designed to be protectively earthed. Earthing connection and continuity test shall be checked in end product.
    - Risk management has been considered for the relevant clause in this power supply. When using this power supply for a medical device, compliance with the relevant requirements of the risk management for the complete system has to be considered.
    - The leakage current test shall be checked in end product.
    - Clearance/creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.
- EN 60950-1/A12:2011  
EN 60601-1:2006

**Tested according to:**

**Production Facility(ies): 62777**