



Product Service

# CERTIFICATE

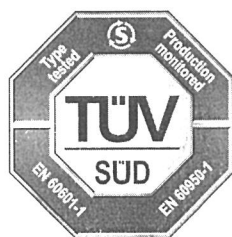
No. Z2 15 11 51485 01456

**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  
(Switch 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.: 682301200902

Valid until: 2020-11-25



Date, 2015-11-27  
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( Jimmy Huang )



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**No. Z2 15 11 51485 01456**

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

**Brand Name: ASTEC**

**Parameters:**

Rated 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

Protection Class : I  
Degree of Protection : IPX0

- Remarks :
- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
  - Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating temperature.
  - Clearance was evaluated for operating altitude up to 3048m above sea level.
  - 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.
  - Built-in type equipment, suitable enclosure should be provided in end system.
  - These power supplies have been evaluated according to EN 60601-1:2006/A1:2013 with the following conditions:
    - 1.The output was not evaluated as patient connected circuits.
    - 2.Compliance with the requirements for EMC shall be evaluated for the end use product.
    - 3.These power supplies have been investigated only as a component part for use in equipment where the suitability of the combination is subject to end product investigation.
    - 4.These power supplies are designed to be protectively earthed. Earthing connection and continuity test shall be checked in end product.
    - 5.These power supplies must be installed in accordance with the instruction manual.
    - 6.The leakage current test shall be checked in end product.
    - 7.The risk management requirements of the standard were not addressed.
    - 8.Clearance/creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.

**Tested according to:** EN 60950-1:2006/A2:2013  
EN 60601-1:2006/A1:2013

**Production Facility(ies):** 28532