



Product Service

# CERTIFICATE

No. B 16 05 13890 02688

**Holder of Certificate: Astec International Ltd.**16th Floor, Lu Plaza, 2 Wing Yip Street  
Kwun Tong  
Kowloon  
HONG KONG**Certification Mark:****Product:****Switch mode power supplies  
(Switch Mode Power Supply for Built 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.: 682301119303

Valid until: 2021-05-30

Date, 2016-06-01

  
( Jimmy Huang )

Page 1 of 2





**CERTIFICATE**

**No. B 16 05 13890 02688**

**Model(s): LPS52-M, LPS53-M, LPS54-M, LPS55-M, LPS58-M**

**Brand Name: ASTEC**

**Parameters:**  
 Rated Input : 100-240VAC, 50/60Hz, 2A  
 Rated Output : For Model LPS52-M: 5VDC, 11A, 55W  
 For Model LPS53-M: 12VDC, 5A, 60W  
 For Model LPS54-M: 15VDC, 4A, 60W  
 For Model LPS55-M: 24VDC, 2.5A, 60W  
 For Model LPS58-M: 48VDC, 1.25A, 60W

Protection Class : I  
 Degree of Protection : IPX0

- Remarks:
- When installing these equipments, all requirements of the mentioned standard must be fulfilled.
  - Refer to installation and operation instructions for details of operating temperature and loading condition.
  - Clearance was evaluated for operating altitude up to 3050m above sea level.
  - Built-in type equipment, suitable enclosure should be provided in end system.
  - The output was not evaluated as patient connected circuits.
  - Compliance with the requirements for EMC shall be evaluated for the end use product.
  - 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.
  - These power supplies are designed to be protectively earthed. Earthing connection and continuity test shall be checked in end product.
  - These power supplies must be installed in accordance with the instruction manual.
  - The leakage current test shall be checked in end product.
  - The risk management requirements of the standard were not addressed.

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

**Production Facility(ies):** 51369