



Product Service

# CERTIFICATE

No. B 11 12 13890 01185

**Holder of Certificate:** **Astec International Ltd.**  
 16th Floor, Lu Plaza, 2 Wing Yip Street  
 Kwun Tong  
 Kowloon  
 HONG KONG

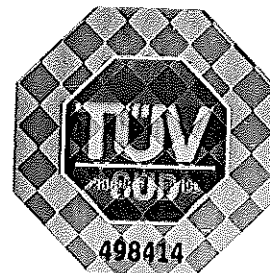
**Certification Mark:**



**Product:** **Switching power supply unit  
 (Switching 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.:** 682301119201



(Jimmy Huang)

**Date,** 2011-12-19  
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**Model(s): LPT52-M, LPT53-M**

**Brand Name: ASTEC**

**Parameters:**  
 Rated Input : 100-240VAC, 2A, 50/60Hz  
 Rated Output : For model LPT52-M:  
 +5VDC, 8A; -12VDC, 0.5A; +12VDC, 3A  
 or +5.75VDC, 5A; -12VDC, 0.5A;  
 +12VDC, 3A  
 Total maximum output power is 55W.  
 For model LPT53-M:  
 +5VDC, 8A; -15VDC, 0.5A;  
 +15VDC, 2.4A  
 Total maximum output power is 55W.

Construction : Built-in component

Protection Class : I

Degree of Protection : IPX0

Remarks :

- When installing these equipments, all requirements of the mentioned standard must be fulfilled.
- The maximum operating temperature is 50°C.
- Clearance distance was evaluated for operating altitude up to 3000m above sea level.
- Built-in type equipment, suitable enclosure should be provided in end system.
- This power supply is designed to be protectively earthed. Earthing connection and continuity test shall be checked in end product.
- 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.
- 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.

**Tested according to:** EN 60601-1:2006

**Production Facility(ies):** 51369