



Product Service

CERTIFICATE

No. B 12 10 51485 01205

**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
(Open Frame 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.: 68230808007



Date, 2012-11-28

(Jimmy Huang)

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Model(s): LPS202-M, LPS203-M, LPS204-M,
LPS205-M, LPS208-M, LPS203-M-402

Brand Name: EMERSON

Parameters:

Rated Input :	AC Input: 100-250V, 3.5A(MAX), 50/60Hz or DC Input: 3A, 120V(MIN) – 300V(MAX)
Rated DC Output :	For LPS202-M: +5 V, 40A (MAX); +12VFAN, 1A (MAX). Maximum output power: 100W for convection cooling; 200W with 30 CFM forced air. For model LPS203-M: +12 V, 20.83A (MAX); +12VFAN, 1A (MAX). For model LPS204-M: +15 V, 16.6A (MAX); +12VFAN, 1A (MAX). For model LPS205-M: +24 V, 10.4A (MAX); +12VFAN, 1A (MAX). For model LPS208-M: +48 V, 5.2A (MAX); +12VFAN, 1A (MAX). Maximum output power: 125W for convection cooling; 250W with 30 CFM forced air.
Construction :	Built-in
Protection Class :	I
Degree of Protection :	IPX0

Tested according to: EN 60950-1/A12:2011
EN 60601-1:2006

Production Facility(ies): 62777, 28532

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Remarks :

1. When installing the equipment, all requirements of the mentioned standard must be fulfilled.
2. Clearance was evaluated for operating altitude up to 3963m above sea level.
3. Refer to installation instructions for details of loading condition and operating ambient temperature.
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 contain output exceeding 240VA. When installing into end system, care must be taken that the output and associated wire(s) may not be touched.
6. LPS202-M, LPS203-M, LPS204-M, LPS205-M, LPS208-M have been evaluated according to EN 60601-1:2006 with the following conditions:
 - These power supplies are intended to be built into an end use equipment.
 - The output was not evaluated as patient connected circuits.
 - Separation between input and output can fulfill requirement of Two MOPP.
 - Compliance with the requirements for EMC shall be evaluated for the end use product.
 - These products 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 must be installed in accordance with the instruction manual.
 - The leakage current test shall be checked in end product.
 - Risk management has been considered for the relevant clause in these power supplies. When using these power supplies for a medical device, compliance with the relevant requirements of the risk management for the complete system has to be considered.

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