ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. Z2 15 07 51485 01392

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: **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.: 68230807809

Valid until: 2020-07-06

Date, 2015-07-07 (Jimmy Huang)

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Model(s): LPS102-M, LPS103-M, LPS104-M, LPS105-M, LPS108-M, LPS109-M

Parameters:

Rated Input :	100-250VAC, 2.5A, 50/60Hz or 120-300VDC, 2A
Rated output :	For model LPS102-M: +5VDC, 24A MAX; +12VFAN, 1A MAX. For model LPS103-M: +12VDC, 12.5A MAX; +12VFAN, 1A MAX. For model LPS104-M: +15VDC, 10A MAX; +12VFAN, 1A MAX. For model LPS105-M: +24VDC, 6.25A MAX; +12VFAN, 1A MAX. For model LPS108-M: +48VDC, 3.1A MAX; +12VFAN, 1A MAX. For model LPS109-M: +54VDC, 2.77A MAX; +12VFAN, 1A MAX. Maximum output power: For model LPS102-M: 80W for convection cooling; 120W for forced air cooling. For models LPS103-M, LPS104-M, LPS105-M, LPS108-M and LPS109-M: 100W for convection cooling; 150W for forced air cooling.
Protection Class :	I
Degree of Protection :	IPX0
Construction :	Built-in

Remark:
- 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 3963m above sea level.
- Built-in type equipment, suitable enclosure should be provided in end system.
- These power supplies have been evaluated according to EN 60601-1/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.
9. Clearance was evaluated for operating altitude up to 3000m above sea level.

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

Production Facility(ies): 28532

TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

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