



Product Service

CERTIFICATE

No. Z2 17 03 13890 02814

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 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.: 68230808009

Valid until: 2019-06-19

Date, 2017-03-23

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

Parameters:

Rated Input :	100-250VAC, 3.5A (MAX), 50/60Hz or 120-300VDC, 3A
Rated Output :	For model LPS202-M: +5VDC, 40A (MAX); +12VFAN, 1A (MAX) Maximum output power: 100W with convection cooling 200W with 30CFM forced air For model LPS203-M: +12VDC, 20.83A (MAX); +12VFAN, 1A(MAX) For model LPS204-M: +15VDC, 16.6A (MAX); +12VFAN, 1A (MAX) For model LPS205-M: +24VDC, 10.4A (MAX); +12VFAN, 1A (MAX) For model LPS208-M: +48VDC, 5.2A (MAX); +12VFAN, 1A (MAX) Maximum output power for above models: 125W with convection cooling 250W with 30CFM forced air
Protection Class :	I
Degree of Protection :	IPX0
Remarks:	See page 3 for details

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

Production Facility(ies): 28532, 62777

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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.
- 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.
- 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.
 - 9.Clearance was evaluated for operating altitude up to 3000m above sea level.