



Product Service

CERTIFICATE

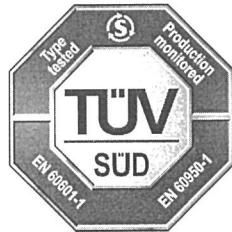
No. Z2 15 10 13890 02449

Holder of Certificate: **Astec International Ltd.**

16th Floor, Lu Plaza, 2 Wing Yip Street
Kwun Tong
Kowloon
HONG KONG



Certification Mark:



Product:

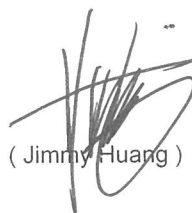
**Switch mode power supplies
(Switch Mode Power Supply for Building-in)**

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.: 68230904708

Valid until: 2020-10-19

Date, 2015-10-20
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(Jimmy Huang)





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No. Z2 15 10 13890 02449

**Model(s): NPS42-M, NPS43-M, NPS44-M,
NPS45-M, NPS48-M**

Parameters:

Rated Input : 100-250VAC, 50/60Hz, 2.5A
or 140-300VDC, 2.5A

Rated Output : For model NPS42-M: +5VDC, 11.0A MAX;
For model NPS43-M: +12VDC, 5.0A MAX;
For model NPS44-M: +15VDC, 4.0A MAX;
For model NPS45-M: +24VDC, 2.5A MAX;
For model NPS48-M: +48VDC, 1.25A MAX.

Maximum output power:
For model NPS42-M: 40W with natural
convection cooling;
55W with forced air cooling.
For models NPS43-M, NPS44-M,
NPS45-M and NPS48-M:
45W with natural convection cooling;
60W with forced air cooling.

Protection Class : Built-in component, consider
in end system

Degree of Protection : IPX0

Remarks :

- 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 4000m 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.When these power supplies are classified class I: 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.
- EN 60601-1:2006/A1:2013
EN 60950-1:2006/A2:2013

Tested according to:

Production Facility(ies): 28532, 62777