



Product Service

CERTIFICATE

No. B 013890 3236 Rev. 00

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
(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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 6821020070301

Valid until: 2025-09-10

Date, 2020-09-11

(Yager Bi)



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Model(s): NPT42-M, NPT43-M, NPT44-M

Parameters:

Rated Input: 100-240VAC, 1.8A, 50/60Hz

Rated Output:

For model NPT42-M:

+5VDC, 8.0A MAX; +12VDC, 3.0A MAX; -12VDC, 0.7A MAX

For model NPT43-M:

+5VDC, 8.0A MAX; +15VDC, 2.4A MAX; -15VDC, 0.7A MAX

For model NPT44-M:

+5VDC, 8.0A MAX; +24VDC, 1.5A MAX; +12VDC, 0.7A MAX

Maximum output power for all models:

45W with convection cooling

55W with 30CFM forced air cooling

Protection Class: Built-in component, considered 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, cooling condition and operating temperature.
- Clearance distance 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 60601-1:2006/A1:2013 with the following conditions:
 - The output was not evaluated as patient connected circuits.
 - Compliance with the requirements for EMC shall be evaluated for the end use product.
 - 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.
- When installed in class I equipment: Earthing connection and continuity test shall be checked in end product.
- These power supplies must be installed in accordance with the instruction manual.
- The risk management requirements of the standard were not addressed.
- Clearance distance was evaluated for operating altitude up to 3000m above sea level.
- Clearance/creepage distance and dielectric strength were evaluated and fulfilled the requirements for MOPP.
- The leakage current test shall be checked in end product.

Tested according to: EN 60601-1:2006/A1:2013
EN 62368-1:2014/A11:2017

Production Facility(ies): 028532, 062777, 026247, 041329