



Product Service

CERTIFICATE

No. B 013890 3537 Rev. 00

Holder of Certificate: **Astec International Ltd.**
16th Floor, Lu Plaza, 2 Wing Yip Street
Kwun Tong
Kowloon
HONG KONG

Certification Mark:



Product: **Power supply
(POWER MODULE)**

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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 6821025193401

Valid until: 2027-02-15

Date, 2025-11-06

(Yager Bi)



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Model(s): **AIF13WAC-XXXX**
(where X may be represented by blank or any alphanumeric characters for marketing purpose)

Parameters:

Rated Input: 100-240VAC, 8A, 50/60Hz

Rated Output: 48VDC, 12.8A MAX

Output power: 600W MAX

Degree of Protection: IPX0

Remarks:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- The maximum operating temperature are 100°C (output loading 48Vdc, 10.5A) or 85°C (output loading 48Vdc, 12.8A, max power 600W).
- Clearance was evaluated for operating altitude up to 5000m above sea level.
- Built-in type equipment, suitable enclosure should be provided in end system.
- Basic insulation provided between primary circuit and metal baseplate and reinforced insulation provided between primary circuit / HVDC (where HVDC is primary circuit) and secondary circuit.
- These power supplies have no in-line fuse, external conquer fuse type UMB-A with rating F10AH, 250V was used during the safety abnormal/ fault test and the fuse must be employed as input line fuse before installation. The need for repeating these tests in the end-use application shall be considered if installed with a higher rated protective device.

Tested according to: EN IEC 62368-1:2020/A11:2020