



Product Service

CERTIFICATE

No. B 013890 3246 Rev. 00

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

Certification Mark:



Product: **Converter**
(DC-DC Converter)

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.: 6821020095001

Valid until: 2025-09-17

Date, 2020-09-18

(Yager Bi)



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Model(s): **ADQ600B-48S12XXXXXXXXXX**
(X may be represented by any ASCII character code, no safety impact, when the first or second 'X' indicated by B, means the model with a baseplate)

Parameters:

Rated Input: 36-75VDC, 20A max
Rated DC Output: 12VDC, 50A
Degree of Protection: IPX0
Construction: Built-in

Remark:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- Built-in type equipment, suitable enclosure should be provided in end system.
- Basic insulation is provided between the input circuit and output circuit / base plate.
- The built-in converter shall be connected to a source which is insulated from the mains supply by double or reinforced insulation.
- Clearance was evaluated for operating altitude up to 3000m above sea level.
- The built-in converter has no in-line fuse, for safety operation, an external 30A, Min.125VDC fuse must be employed as input line before installation.
- Maximum operating ambient temperature of this equipment is 25°C with 6.0 m/s airflow, the baseplate size is minimum 58.3 x 36.7 x 5.3mm, the airflow direction is from Vin- to Vin+.

Tested according to: EN 62368-1:2014/A11:2017

Production Facility(ies): 026247