



Product Service

CERTIFICATE

No. B 013890 3007 Rev. 02

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

Test report no.: 6821019005103

Valid until: 2026-01-06

Date, 2024-05-21

(Yager Bi)

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Model(s): **ADC100M-04YXXXXX**
(where X may be represented by any character, number and symbol, no safety impact)

Parameters:

Rated Input: 40-60VDC, 6A Max.

Rated Output: +1.83VDC, 50A

Protection Class: Not classified

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.
- Functional insulation is provided between input circuit and output circuit.
- These built-in converters shall be connected to a source which is insulated from the AC mains supply by double or reinforced insulation.
- These built-in converters have no in-line fuse. For safe operation, an external 7A, 125VDC, fast acting fuse must be employed as input line fuse before installation.
- Maximum operating temperature is 55°C with full loading & air velocity 600LFM, air flow direction: from Vin- to Vin+.

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