



Product Service

CERTIFICATE

No. B 17 09 13890 02882

Holder of Certificate: Astec International Ltd.16th Floor, Lu Plaza, 2 Wing Yip Street
Kwun Tong
Kowloon
HONG KONG**Certification Mark:****Product:****DC 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. See also notes overleaf.

Test report no.: 682101732501

Valid until: 2022-09-11



Date, 2017-09-14

(Yager Bi)

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Model(s): **ADO300-48S3V3XXXXXXXXXX,
ADO300-48S05XXXXXXXXXX
(where X may be represented by any character,
number and symbol, no safety impact)**

Parameters:

Rated Input : 36-75VDC, 6.5A Max.
(for models ADQ300-48S3V3XXXXXXXXXX)
36-75VDC, 9.15A Max.
(for models ADQ300-48S05XXXXXXXXXX)

Rated Output : +3.3VDC, 60A (for models
ADQ300-48S3V3XXXXXXXXXX)
+5VDC, 60A (for models
ADQ300-48S05XXXXXXXXXX)

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, cooling condition and operating temperature.
- Clearance was evaluated for operating altitude up to 5000m above sea level.
- Basic insulation is provided between the input circuit and output circuit, and between input circuit and base plate.
- These built-in converters shall be connected to a source which is insulated from the AC mains supply by double or reinforced insulation.
- For models ADQ300-48S3V3XXXXXXXXXX: These built-in converters have no in-line fuse. For safe operation, an external 10A, 125VDC, fast acting fuse must be employed as input line fuse before installation.
- For models ADQ300-48S05XXXXXXXXXX: These built-in converters have no in-line fuse. For safe operation, an external 15A, 125VDC, fast acting fuse must be employed as input line fuse before installation.
- Built-in type equipment, suitable enclosure should be provided in end system.

Tested according to: EN 62368-1:2014

Production Facility(ies): 41329, 26247