

## CERTIFICATE

No. B 013890 3167 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. See also notes overleaf.

Test report no.:

6821020001801

Valid until:

2024-01-21

Date,

2020-01-22



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Model(s):

AGQ500-48S28XXXXXXXXX

(X may be represented by any ASCII character

code, no safety impact)

## Parameters:

Rated Input: 36-75VDC, 15.5A Max. Rated DC Output: 28VDC, 18A

Protection Class: Consider in end system

Construction: For building-in Degree of Protection: IPX0

## Remark:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- Maximum operating ambient temperature of this equipment is 50°C with 3.0m/s airflow, the airflow direction is from Vin- to Vin+.
- Clearance was evaluated for operating altitude up to 5000m above sea level.
- Basic insulation is provided between the input circuit and output circuit.
- The built-in converter shall be connected to a source which is insulated from the mains supply by double or reinforced insulation.
- Built-in type equipment, suitable enclosure should be provided by end system.
- The built-in converter has no in-line fuse. For safe operation, an external 30A, 125VDC fast acting fuse must be employed as input line fuse before installation.

Tested according to:

EN 62368-1:2014/A11:2017

**Production** Facility(ies): 026247