



Product Service

# CERTIFICATE

No. B 15 02 13890 02186

**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.:** 682301500501

**Valid until:** 2020-02-09

**Date,** 2015-02-10  
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**Model(s):** AVD100-48S05XXXXXXXXXX, AVD85-48S05XXXXXXXXXX  
 (where XXXXXXXXXXXX may be represented by any ASCII character code which no safety impact)

**Parameters:**

Rated Input :	36-75VDC, 4Amax
Rated Output :	5VDC, 20A (for AVD100-48S05XXXXXXXXXX) 5VDC, 17A (for AVD85-48S05XXXXXXXXXX)
Degree of Protection :	IPX0

**Remark:**

- When installing this equipment, all requirements of the mentioned standard must be fulfilled.
- Basic insulation is provided between the input circuit and output circuit, functional insulation is provided between the DC input/DC output and base plate.
- These built-in converters shall be connected to a source - which is insulated from the mains supply by double or reinforced insulation.
- Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating ambient temperature.

Clearance was evaluated for operating altitude up to 3000m above sea level.

- These built-in converters have no in-line fuse, for safe operation, an external 5A, 125VDC fast acting fuse must be employed as input line fuse before.

**Tested according to:** EN 60950-1/A2:2013

**Production Facility(ies):** 41329, 26247