



Product Service

CERTIFICATE

No. B 15 12 13890 02555

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.: 68230905509

Valid until: 2020-12-29

Date, 2016-01-07
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(Yage Bi)





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Model(s): AVO120-48S12, AVO100C-48S3V3, AVO100-48S2V5,
 AVO100-48S1V8, AVO100B-48S1V5, AVO100-48S1V2,
 AVO150-48S12XXXXXXXXXX
 (See page 3 for details of model description.)

Parameters:

Rated Input :	36-75VDC, 4.5A max. [AVO120-48S12]; 36-75VDC, 4.0A max.[AVO100C-48S3V3]; 36VDC to 75VDC, 5A max. [AVO150-48S12XXXXXXXXXX] 36-75VDC, 3.5A max. [for other models]
Rated DC Output :	See page 3 for details
Construction :	Built-in
Protection Class :	Built-in component, Considered in end system
Degree of Protection :	IPX0
Remarks :	<ul style="list-style-type: none"> - When installing these equipments, all requirements of the mentioned standard must be fulfilled. - These converters shall be connected to a source which is isolated from the mains supply by double or reinforced insulation. - Clearance was evaluated for operating altitude up to 4000m above the sea level. - Basic insulation provided between the input and output circuit. - Maximum operating temperature, loading condition and forced air cooling must be according to the installation and operation instruction. - These built-in converters have no in-line fuse. For safe operation, an external fast acting 10A, 250V fuse must be employed as input line fuse before installation. - For model with heat sink, the heat sink is considered as floating and dead metal. - This power supply was evaluated for used in tropical condition.

Tested according to: EN 60950-1:2006/A2:2013

Production Facility(ies): 26247, 41329

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Model	Rated Input	Rated Output
AVO120-48S12	36-75 V dc, 4.5 A	12 V dc, 10A
AVO100C-48S3V3	36-75 V dc, 4A	3.3V dc, 30A
AVO100-48S2V5	36-75 V dc, 3.5A	2.5V dc, 35A
AVO100-48S1V8	36-75 V dc, 3.5A	1.8V dc, 40A
AVO100B-48S1V5	36-75 V dc, 3.5A	1.5V dc, 40A
AVO100-48S1V2	36-75 V dc, 3.5A	1.2V dc, 50A
AVO150-48S12XXXXXXXXXX	36-75 V dc, 5A	12 Vdc, 12A

Remarks:

For all models except for AVO150-48S12XXXXXXXXXX, Model name may contain suffix "P-B-L" and/or "-SRWXYZ", where

P: may be Null, "N" or "P", which indicates the CNT Negative logic or Positive logic

B: may be "B" or Null, which indicates the model with heatsink or not;

"-": may be Null;

L: may be Null, "2", "4", "6", "7" or "8", which indicates different length of pins;

S: may be "S" or Null, which indicates SMT encapsulation;

R: may be Null, "L" or "Y": which indicates RoHS state;

W, X, Y, Z may be represented by any ASCII character code, which have no any affection to product safety.

For model AVO150-48S12XXXXXXXXXX, where XXXXXXXXXX may represented by any ASCII character code except letter "B", which have no any affection to product safety.