



Product Service

# CERTIFICATE

No. B 17 05 13890 02848

**Holder of Certificate:** **Astec International Ltd.**

16th Floor, Lu Plaza, 2 Wing Yip Street  
Kwun Tong  
Kowloon  
HONG KONG



**Certification Mark:**



**Product:**

**Switching power supply unit  
(Switching Power Supply)**

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.:** 682301702702

**Valid until:** 2020-12-19

**Date,** 2017-05-24  
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**Model(s):** **AVE450-48S50XXXXXXXXXX,**  
**AVE500-48S50XXXXXXXXXX**  
**(X may be represented by any ASCII**  
**character code, no safety impact)**

**Parameters:**

Rated Input :	For model AVE450-48S50XXXXXXXXXX: 36-75VDC, 14.5A Max. For model AVE500-48S50XXXXXXXXXX: 36-75VDC, 15A Max.
Rated Output :	For model AVE450-48S50XXXXXXXXXX: 50VDC, 9A For model AVE500-48S50XXXXXXXXXX: 50VDC, 10A
Protection Class :	III
Degree of protection :	IPX0
Remarks:	<ul style="list-style-type: none"> <li>- When installing the equipment, all requirements of the mentioned standard must be fulfilled.</li> <li>- Basic insulation is provided between the input circuit and output circuit / metal part. Clearance was evaluated for operating altitude up to 3000m above sea level.</li> <li>- The built-in converter shall be connected to a source which is insulated from the mains supply by min. reinforced insulation.</li> <li>- The built-in converter has no in-line fuse, for safety operation, an external 30A, 125VDC fuse must be employed as input line before installation.</li> <li>- Maximum operating ambient temperature is 70°C with full loading &amp; air velocity 600LFM., Cooling control method: from Vin- to Vin+.</li> <li>- The secondary output is energy hazard (&gt;240VA). When installing into end system, care shall be taken that the output and the appropriate wire may not be touched.</li> </ul>

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

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