

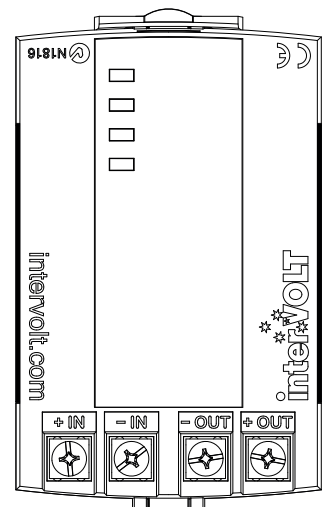
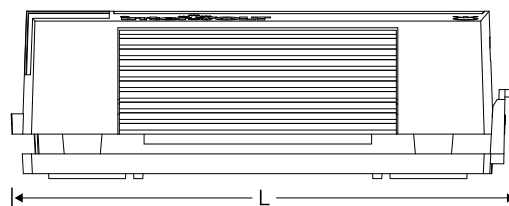
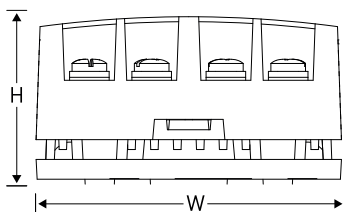


System Voltage	12VDC nominal
Current Rating	5.0 Amps maximum
Standby Current	Idle current 70mA @ 13.0V input
Input Voltage	Input 11V to 17V (will dip to 8V)
Output Voltage	12.5VDC \pm 1%
Efficiency @ 25°C	Up to 93% efficiency (13.0Vin @ 5A load)
Output Ripple	10mV rms (nominal) @ 13.0V input, 5A load
Load Regulation	0.1% up to full load @ 13.0V input
Line Regulation	1.5% of rated output @ 11V-17V input
Operating Temperature	-20°C – 50°C
Operating Humidity	Ideally should not exceed 95% (non-condensing)
Transient Voltage	Filtering – purpose designed circuitry
Electrical Protection	Overload/Short Circuit shutdown – auto reset Input Under Voltage shutdown – auto reset Over Temperature shutdown – auto reset
Tropicalisation	Conformally coated PCBA (acrylic lacquer)
Termination	Screw terminal – M3 with combination screw
Conformity	EMC – AS/NZS CISP 11 and EN55011
Certification	Australian C Tick mark and European CE mark
Dimensions (overall)	101 x 62 x 34 mm including mounting plate
Weight	160 Grams

SVS is a power conditioning device without the galvanic isolation. If you don't require DC-DC isolation then the SVS is the cost effective solution for your application. The SVS is a common negative device for 12 and 24VDC transport applications. It will protect your in-vehicle/vessel electronic equipment from a range of voltage issues including dips, spikes, and sustained low and high voltage transients.

Models	MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	RATING
	SVS1212050	11 – 17V (will dip to 8V)	12.5VDC \pm 1%	5.0 Amps max.

Length	101mm
Width	62mm
Height	34mm



Proudly distributed by:



16 Parkinson Lane
O'Connor WA 6163
Australia

Phone +61 8 9331 3100
Fax +61 8 9331 5150
Email mail@amelec.com.au
Web www.amelec.com.au