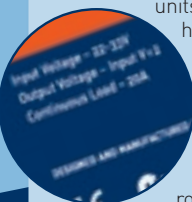


The new SBE range of battery equalizers has been designed to overcome the age-old problem of centre tapping a 24VDC battery bank for a 12 Volt supply. Under normal circumstances tapping a single battery within a 24 Volt bank for a 12 Volt supply will cause an imbalance between the two batteries. The result is reduced battery life due to one battery being over charged and the other under charged. The interVOLT SBE Battery Equalizer will balance or 'equalize' the batteries within the 24 Volt bank ensuring longevity. Additionally the SBE can be used as a stand alone charger to maintain an auxiliary 12VDC battery from a 24 Volt supply.

Performance Plus

Designed to deliver under harsh environmental conditions, these units can manage heavy, continuous loads in high ambient temperatures. Generous intermittent and peak ratings round off the performance package.



Designed to Endure

Only non-corrosive, marine grade materials are used in the manufacturing process. Featuring tropicalised circuitry for ultimate protection and longevity. Both robust by design and rugged in construction.



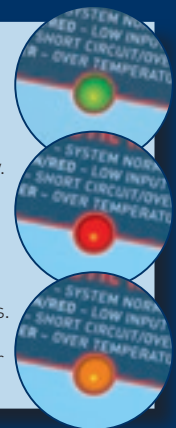
About Conformity

Complies with Australian and European standards for Electro-Magnetic Compatibility (EMC), displaying both the 'C Tick' and 'CE' marks. Supported by independent examination from a certified testing house.



Self Diagnosing

An industry first featuring dedicated fault finding circuitry. The Diagnostic Indicator assists in troubleshooting many common installation and application problems. A high brightness LED ensures greater visibility.



Safety First

For peace-of-mind, a range of dedicated devices protect both product and the equipment connected to it. Reverse connection, short circuit, output overload, voltage surges, spikes and transients - it's all covered.



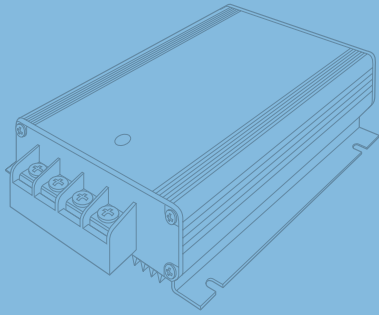
Australian Made

interVOLT products are proudly designed, engineered and manufactured in Australia. All products are 100% tested prior to packaging and despatch. The quality is backed by our solid two year guarantee (conditions apply).

Feature Packed

Innovative design featuring superior termination, microprocessor control and advanced heat-sinking properties combine to produce a truly unique product in an attractive package.





SBE241220



SBE241230



SBE241240

Length Overall	205mm (8.07")	235mm (9.25")	275mm (10.83")
Width Overall	136mm (5.35")	136mm (5.35")	136mm (5.35")
Height Overall	55mm (2.17")	55mm (2.17")	55mm (2.17")
Weight	1040 grams (36.68 oz)	1240 grams (43.74 oz)	1505 grams (53.09 oz)
Continuous Load Rating @ 30°C (80°F)	20 Amps	30 Amps	40 Amps
Input Voltage Range	22-33 VDC		
Input Voltage Cut-out	22.5 VDC (± 0.5 VDC)		
Output Voltage	Input Voltage ÷ 2 (up to the maximum rated load)		
Standby current draw (average)	↓25 mA		
Power Conversion Efficiency @ 30°C (80°F)	Typically 93%		
Output ripple	Less than 20 mV Peak to Peak		
Operating Temperature	Ideally -25°C to + 45°C		
Operating Humidity	Ideally less than 90%		
Enclosure material	Marine grade aluminium dye anodised		
Enclosure End Caps	Injection moulded electrical grade ABS/PC plastic		
Diagnostic Indicator	Tri-colour LED – monitoring input voltage, overload, short circuit and temperature		
Transient Voltage Protection	Filtering – Purpose designed circuit		
Over Load/Short Circuit Protection	Shutdown – Current sensing circuit (automatic reset)		
Input Under Voltage Protection	Shutdown – Voltage sensing circuit (automatic reset)		
Over Temperature Protection	Shutdown – Temperature sensing circuit (automatic reset)		
Input Reverse Polarity Protection	Internal Fuse – Diode bypass circuit (not user serviceable)		
Termination	Screw Terminal – 10-32 UNC with 304 SS Phillips screw		
Conformity	Australian AS/NZS CISPR 11. European EN55011 International CISPR11 and IEC61204-3		
Certification	EMC – Australian C Tick mark and European CE mark		

