

PowerVerter DDi 24-16 072

Voltage Converter

The unit has the following key benefits:

- Quick and easy to connect
- Power rating to 072W continuous (96W intermittent)
- Cool running switch mode design with efficiency typically 82%
- Internal protection against over current, transients and overheating.
- No quibble warranty



<i>Characteristics</i>	
Input Voltage Range	24Vdc nominal (20-32V)
Output Voltage	16.0Vdc +/- 5%
Continuous Current Rating	16V output rated at 4.5A continuous
Intermittent Current Rating	16V output 6A taken for a maximum of 2 minutes followed by 8 minutes rest.
Output Noise	<50mV pk-pk at continuous load. Meets CISPR25 and VDE0879-3..
Off load current (quiescent current)	<25mA. If connected to the battery, but not powering any equipment.
Power Conversion Efficiency	Typically 80%
Isolation	>400Vrms between input, output and case
Operating Temperature	-25°C to +30°C. +30°C to +80°C de-rate linearly to 0A
Storage Temperature	-25°C to +85°C
Operating Humidity	95% non-condensing.
Case Work	Anodized Aluminum, Dust, water and impact resistance IP533
Connections	4 off 6.3mm push on crimp connectors + earth wire.
Output Indicator	LED adjacent to output terminals
Weight and Dimensions	Weight: 450g Dimensions 127 (L) x 87 (W) x 50 (H) mm
Mounting Method	"Click 'n' Fit" mounting clip, fitted separately using three hole fixing
Safe Area Protection:	
<ul style="list-style-type: none"> • Over Current • Over Heat • Transients • Catastrophic failure • Reverse connection 	Limited by current sensing circuit Limited by temperature sensing circuit Protected by filters and rugged component selection Protected by input & output fuses Reverse input protection
Approvals	2004/108/EC The General EMC Directive 2006/96/EC The Automotive EMC Directive 93/68/EEC The CE Marking Directive
Tested to	E marking
Markings	CE marked