

PowerVerter DDi 10/32-12 072

Voltage converter

from **AlfaTRONIX**

The unit has the following key benefits:

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



Characteristics	
Input Voltage Range	12Vdc nominal (10-32V)
Output Voltage	13.6Vdc +/- 5%
Continuous Current Rating Intermittent Current Rating	13.6V output rated at 6A continuous 13.6V output 8A 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)	<20mA. If connected to the battery, but not powering any equipment.
Power Conversion Efficiency	Typically 82%
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 IP223
Connections	4 off 6.3mm push on crimp connectors + earth wire.
Output Indicator	LED adjacent to output terminals Green – system OK. Red fault status
Weight and Dimensions	Weight: 835g Dimensions 167 (L) x 87 (W) x 50 (H) mm
Mounting Method	"Click 'n' Fit" mounting clip, fitted separately using three hole fixing
Safe Area Protection: x Over Current x Over Heat x Transients x Catastrophic failure x 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	89/336/EEC The General EMC Directive 95/54/EC The Automotive EMC Directive 93/68/EEC The CE Marking Directive
Tested to	E marking
Markings	CE marked and e marked (e13 030343)



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