

DEPLOY LIGHTER **LAST LONGER**

300w DC-AC IP65 Rugged Inverter



Built to:

MIL-STD 461

MIL-STD 810

MIL-STD1275

Test reports available
if required at point of
production

Robust and lightweight support to tactical energy

The ZAS-PM-088 Intelligent Pure Sinewave Inverter is designed specifically for powering computers and other sensitive AC loads in rugged, mobile, off-grid environments. It produces pure sinewave AC power, identical to a conventional AC outlet. Sealed as an IP65 passively cooled unit the ZAS-PM-088 inverter is designed to operate in the most harsh and demanding environments in mounted and dismounted applications.

Internally, the ZAS-PM-088 is controlled by a sophisticated Digital Signal Processor (DSP) for optimal control and the most efficient operation possible. The heavy-duty Toroidal Power Transformer steps the low voltage AC produced by the Power MOSFET Transistors to 220V AC at 50 Hz. Additional filtering on the AC output reduces or eliminates EMI noise that can interfere with sensitive communications equipment.

Built for the safest operation possible, this unit features low voltage warning with shutdown circuitry to protect the DC power source. While the inverter is safeguarded by high voltage and over temperature protection both with shutdown circuitry. All the alarm conditions can be monitored on the bright LED indicator display which can also be mirrored on the optional remote-control panel.



Silent Power

Tactical fuel cell that delivers silent power



Plug and Play

Quick and easy installation reduce on site time



Reduced Emissions

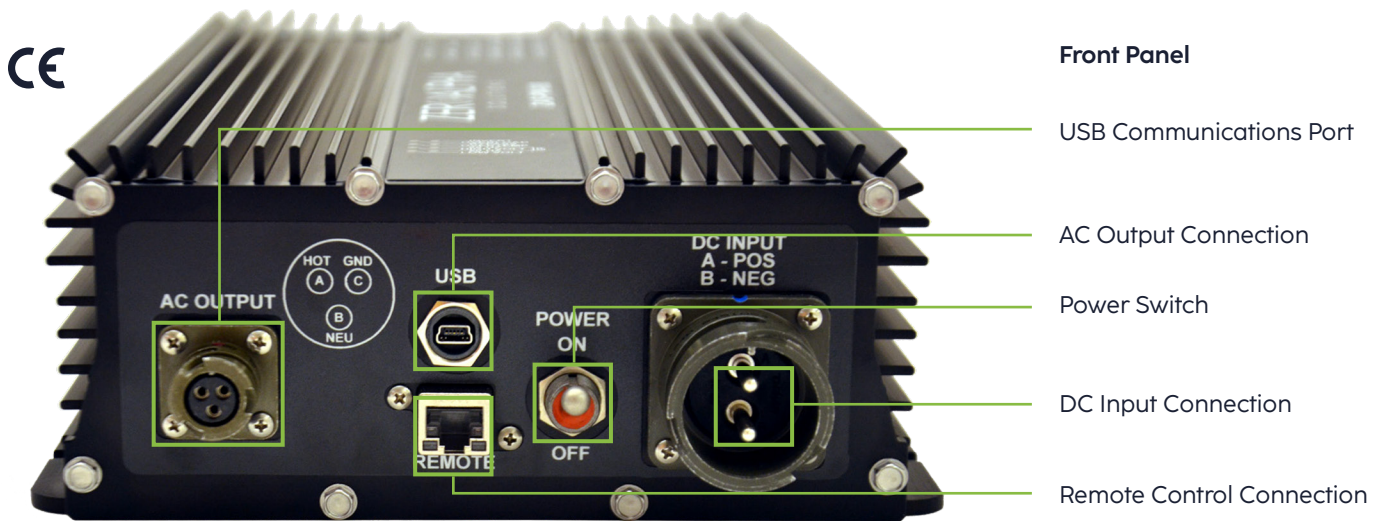
Reduces overall emissions and reliance on fossil fuels



Robust design

Units can be used in extreme environments

Specifications	
Input Voltage	20-45v
Output Voltage	230v 50 or 60Hz (user selectable)
Output Current Continuous	1.5A
Output Current Peak	1.8A
Efficiency	>90% at 100%
Length	13.3 in / 33.8 cm
Width	8.0 in / 20.3 cm (Including mounting flanges)
Height	3.2 in / 8.2 cm
Mounting	Wall, Shelf, or Floor Mount
Material	Marine Grade Aluminum
Finish	Black Powder Epoxy
Weight	5.4Kg
Environmental	
Operating Temperature	-40° C to +55°C @Maximum Output
Storage Temperature	-55°C to +105°C
Humidity	0 - 95% Relative Humidity (non-condensing) with standard conformal coating
Cooling	Convection cooling
IP Rating	IP65



Designed in the UK

Each unit is manufactured to the exacting standards required for standalone power sources.



Warranty and Service

The unit is covered by our own one year warranty.

ZEROALPHA

SOLUTIONS

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Images are for illustrative purposes only and actual products and examples may differ from those shown. All details correct at time of going to press but subject to change. E & EO.

