



## JAZZ pro 1000 SINEWAVE INVERTER

### SERIES JAZZ pro 1000

The model JAZZ pro 1000 pure sinewave inverter supplies a 230VAC output voltage from a 12V power source.

The shape of the output voltage is pure sinewave - as from the grid.

All new High Frequency Switching Design offers high power and reliability in a compact package and light weight.

Extra input and output filtering reduce EMI to extremely low levels.

Reliability features include an input fuse, thermal shutdown, current limiting and output short circuit shutdown.

The input and output is fully isolated.

The superb overload capability supplies short time peak power to start heavy equipment such as pumps and compressors.

The LCD display shows current operating conditions.

Optional features include a Remote Control.



Pure  
Sinewave



High  
frequency  
technology



Light weight,  
compact size



Full electronic  
protection



Remote  
control port



Digital display

### APPLICATIONS

- Industrial Controls
- Mining
- Oil Rigs
- Steel Mills
- Marine & other rugged environments
- Automotive / RV
- Electric Utilities and Substations
- Base Station Power
- Telecom Power Plants
- Railway / Transportation
- Military Applications
- Manufacturing Location
- OEM Applications

### FEATURES

- 1000W output power
- Fully Isolated Design
- Outstanding efficiency at full load
- Crystal controled output frequency
- Pure and fast regulated sinewave output
- Low ripple on the DC-Input to save battery life time
- Digital display (6 functions): VAC, AMP, WATT, VDC, TEMP, frequency and error message
- Over-temperature shutdown
- Short circuit protection
- Low input voltage protection
- Cycle by cycle current limiting
- Softstart
- Power save mode with auto sense
- Load and temperature controlled fan
- Remote control port
- Optional 115VAC version available
- 24 month parts and labour warranty

# SPECIFICATIONS

Input Voltage	12Vdc (10 - 16Vdc)
Input Current @ P nom	95A
Input Protection	Over Voltage, Under Voltage
No Load Current Draw	0.93A
Power save mode	0.25A
Efficiency max. Efficiency @full load	92% 87%
Indicators	OVP, UVP, VDC
Output Voltage	200 - 220 - 230 - 240VAC +/- 3% (selectable)
Output Frequency	50 - 60Hz +/- 0.05% (selectable)
Continuous Output Power	1000W
Output Power for 3 min.	1150W
Surge Rating	2000W
Output Waveform	Pure Sinewave THD < 3%
Output Protection	Short circuit, Overload, Overtemperature
Indicators	OTP, OLP, VAC, AMP, WATT, Hz
Power Factor	0.7 - 1 (COS Phi)

Operating Temperature	-20° to +60°C Derating Linearly 4% per °C from 40°C
Humidity	5 - 95% non-condensing
Audible Noise	Scarcely audible @ 1m (Fan OFF)
Cooling	Load and temperature controlled fan
Isolation	Input-Output 1100VDC Input-Case 1100VDC Output-Case 500VDC
Dimensions	33.4 x 17.9 x 8.1cm (LxWxH)
Weight	3.8 Kg
Clearance	2.5 cm all around
Material	Aluminium
Finish	Anodize / Powder Epoxy Coat
Connections	Input: DC-clamps Output: SCHUKO
Standards	Approval to CE
RoHS Compliance	Fully compliant
Warranty	2 years

