

PURE SINE WAVE INVERTERS



Features:

These pure sine wave inverters are specially designed to fulfil the needs of special applications where it is necessary to adapt several parameters of inverters.

- ▶ State-of Art auto load sense.
- ▶ Standard inbuilt low battery cut-off.
- ▶ Great overload performance.
- ▶ Very efficient stand by circuit.
- ▶ Do not effect other equipment like TV, radio...etc.
- ▶ No problem with microwave ovens.
- ▶ Extremely efficient.
- ▶ Standard specially designed AC- and DC – line filters.
- ▶ Built-in standard RS232 interface.
- ▶ No moving parts.
- ▶ No noise.
- ▶ No smell.
- ▶ Can be used anywhere including National Parks.
- ▶ Compact.
- ▶ Simplified system design.
- ▶ Aluminum chassis for harsh environments.
- ▶ Easily mounted.
- ▶ Lowest installation cost.
- ▶ Reliable



MODEL NO.	1500W - 12V & 1500W - 24V	3000W - 12V & 3000W - 24V
Continuous Output Power	1500 W	3000W
Output Power Surge	2000 W	4000W
AC Output Voltage	100-120V $\pm 2\%$ 300-240V $\pm 2\%$ adjustable	100-120V $\pm 2\%$ 300-240V $\pm 2\%$ adjustable
Output Voltage Regulation	-1.5% - +1.5%	-1.5% - +1.5%
Output Frequency	50Hz $\pm 0.5\%$ & 60Hz $\pm 0.5\%$	50Hz $\pm 0.5\%$ & 60Hz $\pm 0.5\%$
Output Wave Form	Pure Sine Wave <2%THD	Pure Sine Wave <2%THD
Efficiency (Full Load)	88%	87%
No Load Power Consumption	<4W (In power saving status)	<4W (In power saving status)
Input Voltage Range	10-16VDC / 20-32 VDC	10-16VDC / 20-32 VDC
Power Saving Recovery Time	1 Second	1 Second
LED Status Indication	Power ON/OFF, RUN/STAND BY, High/Low battery shutdown, over temperature shutdown and over load shutdown	
Protection Feature	Over/under input voltage, over temp., and reverse input polarity (fuse). Over load, short circuit, shutdown, restarts.	
Remote Controller	Power Output ON/OFF, Run, Trip LED All in one	
Operation Temperature Range	0°C - 50°C (32°F - 122°F)	
Storage Temperature Range	-30°C - 70°C (-22°F - 165°F)	
Dimension (LxWxH) mm	510x285x120	510x285x185