

PURE SINE WAVE UPS INVERTER (PIP-C Series)

UPS INVERTER

HIGH FREQUENCY

PURE SINE WAVE

AC CHARGER

WIDE AC RANGE

LCD DISPLAY



AC available - UPS mode (default)
AC unavailable - Inverter mode

PIP-C SERIES

512C

812C

ELECTRICAL SPECIFICATIONS		
Continuous Output	500W	840W
Nominal Input Voltage	230VAC	
Input Voltage Range	90 - 280VAC (Appliance) OR 170 - 280VAC (UPS/PC)	
Output Waveform	Pure Sine Wave	
Output Frequency	50Hz or 60Hz (auto sensing)	
Output Regulation	230VAC ± 5%	
Peak Efficiency	90%	
Nominal DC voltage	12V batteries only	
Shutdown, Low Alarm DC Voltage	10.5V, 11.5V	
CC/CV, Float Voltage	14.1V, 13.5V	
Charging Algorithm	3-stage	
Max DC Voltage	15V	
Charging Current	10A / 15A adjustable	10A / 20A adjustable
Recommended Battery Capacity	100 - 200Ah	
Protections	Overload, Short Circuit, Overcharging	
No-load Draw	<15W	
ENVIRONMENTAL / MECHANICAL SPECIFICATIONS		
Certification / EMC	CE	
Operating Temp.	0°C ~ +45°C	
Operating Humidity	20~90%RH Non-Condensing	
Dimension	290*290*127mm	
Weight	4.5Kg	4.8Kg

KEY FEATURES

- Pure sine wave output ensure wide compatibility with all loads
- Suitable for use with home appliance and personal computers
- Primary operation as UPS with selectable input voltage range
- 12V batteries required
- 50 or 60Hz auto sensing
- 3-IN-1 design: UPS + inverter + battery charger functionality
- 3-stage max 10A-20A selectable charger
- DC start and automatic self-diagnostic sequence.
- Auto restart during AC recovery
- Generators compatible
- Overload and short circuit protection
- Light, compact, easy to install
- CE certified

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