

# PURE SINE WAVE INVERTER

HIGH FREQUENCY

PURE SINE WAVE

LCD DISPLAY\*

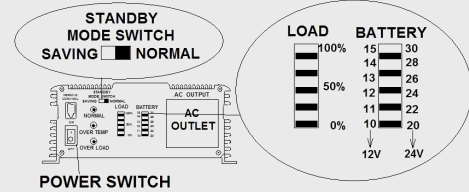
12~48V AVAILABLE

\* Only on 1624/2424



**\*\*Suitable for small office, mobile home etc**

600W-1000W



PIP SERIES                      612/624                      1012/1024                      1624                      2424

ELECTRICAL SPECIFICATIONS				
Max Continuous Power	600W	1000W	1600W	2400W
Output Voltage	230V ±5% Output Regulation			
Output Waveform	Pure Sine Wave			
Output Frequency	50Hz/60Hz ± 1Hz			
Peak Efficiency	>90%			
System Voltage	12V / 24V		24V Only	
DC Input Range	10V~15V / 20V~30V		21V~29V	
No Load Consumption	<15W	<20W	<20W	
Standby Consumption	N/A	<4W	<10W	
Batt. Reverse Polarity	By Fuse			
Overload Protection	>650W Shutdown	>1.2KW Shutdown	>150% Load for 5sec	
Low Battery	<10V±0.5V / <20V±0.5V		20-22V (load specific)	
LCD / LED	LED Only		LCD & LED	
Comm. Interface	N/A		COM port (reserved)	
ENVIRONMENTAL / MECHANICAL SPECIFICATIONS				
Certification	CE certified			
Operating Temperature	0°C ~ 50°C			
Operating Humidity	10~90%RH Non-Condensing			
Dimension	62*117*295mm	80*195*360mm	82*232*369mm	
Weight	2.0Kg	3.6Kg	4.5Kg	

## KEY FEATURES

- Pure sine wave output ensures seamless compatibility with all types of loads.
- Peak efficiency up to >90%
- Output available range from 600W to 2400W and 12V to 24V
- Supports both 50hz and 60hz
- 230V nominal output with regulation (220-240V load compatible)
- Large LCD display for system information and basic programming (available on 1624/2424 only)
- Auto-restart feature upon fault (available on 1624/2424 only)
- Standby power mode (except 600W)
- Low idle power consumption
- Lightweight anodized casing
- Automatic detection of battery voltage.
- Suitable for wall mounting.
- Inherent safety protections include overload, over temperature and short circuit, and battery reverse polarity.

\*Product specifications are subject to change without prior notice. MPP Solar is a registered trademark of MPP Solar Inc.