

# PIP-HSP/MSP SERIES

## 24V Parallel-Ready Solar Inverter

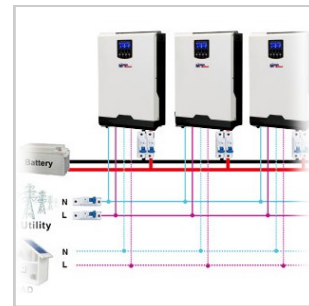


### MAIN FEATURES

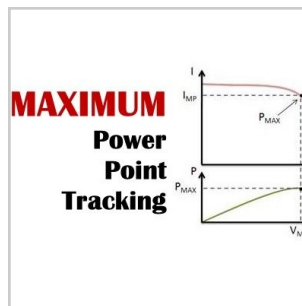
- 24Vdc battery based solar inverter
- Parallel-ready up to 6 units max!
- Single phase (230VAC) or 3 phase (400VAC)
- High frequency pure sine wave design
- 50A PMW & max 80A MPPT models available
- Suitable for Off-Grid or with Grid
- Programmable parameters
- Max up to 60A utility charging
- Adjustable charging voltage
- Wide AC input range
- Lightweight, easy to install
- 2X surge capacity max 5s
- FREE monitoring software
- LCD Display + LED indicators
- USB, RS232 communication interface



24VDC ONLY



PARALLEL SUPPORT



MPPT OR PWM INSIDE



FREE MONITORING

PIP-HSP, MSP 24V      2424HSP      2424MSP      4024HSP      4024MSP

### ELECTRICAL SPECIFICATIONS

Max Continuous Power	2400W	4000W
Parallel Capability	Max up to 6 units (single phase or 3 phase)	
Input Voltage Range	90~280VAC (Appliance mode), 170~280VAC (UPS mode)	
Input/Output Frequency	50Hz/60hz Auto sensing	
Output Voltage	230VAC ± 5%	
Output Waveform	Pure Sine Wave	
Peak Efficiency	91%	
Nominal DC Voltage	24V	
Max DC Voltage (battery)	30V	
Transfer Time	<10ms (UPS mode), <20ms (Appliance mode)	
Charging Mode	3-stage	
AC Recharging Current	60A	

### SOLAR CHARGER

Algorithm	PWM	MPPT	PWM	MPPT
Max PV Input / Output	1200W	1000W	1200W	2000W
Max Charging Current	50A	40A	50A	80A
Max PV Input Voc	75V	100V	105V	145V
MPPT Range	N/A	30~80V	N/A	30~115V
Standby Power	2W			

### ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

Operating/Storage Temp.	0°C ~ 50°C / -15°C ~ 60°C			
Operating Humidity	10~90%RH Non-Condensing			
Dimension	355*272*100mm		475*310*180mm	
Net Weight	7Kg	8Kg	12Kg	13Kg

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