

PIP-HSE1/MSE1 SERIES

Off-Grid Solar Inverter



2424HSE1
2424MSE1

MAIN FEATURES

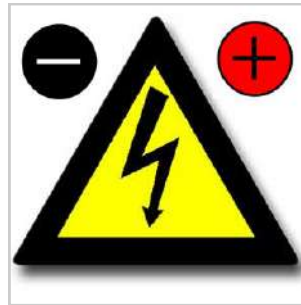
- Maximum 2.4KW output @ 24Vdc system
- Special designed for price sensitive markets
- Light weight design
- MPPT / PWM models available
- Equalization charging up to 30V
- Max bulk + float voltage 30V max
- Fuse protection against reverse battery
- High frequency pure sine wave design
- Suitable for Off-Grid or with Grid input
- Programmable parameters to extend possible support to non-lead acid type batteries
- Max up to 25A utility charging
- Wide AC input range
- Easy to install
- FREE monitoring software
- LCD Display + LED indicators
- USB / RS232 communication interface



GREAT FEATURES + LOW COST
= BEST VALUE



EQUALIZATION CHARGING



FUSE PROTECTION (DC
REVERSE POLARITY)



MPPT TECHNOLOGY

HSE1/MSE1 SERIES	2424HSE1	2424MSE1
ELECTRICAL SPECIFICATION		
Continuous Output	3KVA / 2400W	
Surge Rating	2X	
Input Power Factor	0.8	
Input Voltage Range	90~280VAC (Appliance mode), 170~280VAC (UPS mode)	
Input/Output Frequency	50Hz / 60Hz	
Output Voltage	230VAC±5%	
Output Waveform	Pure Sine Wave	
Output Short Circuit	Circuit Breaker	
Peak Efficiency	95%	
Nominal DC Voltage	24V	
Max DC Input	31V	
Transfer Time	<10ms (UPS mode), <20ms (Appliance mode)	
Charging Mode	3-stage	
Max AC Charging Current	25A	
Max Equalization Charge	30V	
No Load consumption	<25W	
SOLAR CHARGER SPECIFICATIONS		
Charging Algorithm	PWM	MPPT
Max Charging Current	50A	40A
Max PV Input Voc	80V	105V
MPPT Range	N/A	30 ~ 80V
ENVIRONMENTAL / MECHANICAL SPECIFICATIONS		
Certification	CE	
Operating/Storage Temp.	0°C ~ 55°C / -15°C ~ 60°C	
Operating Humidity	20~90%RH Non-Condensing	
Dimension	320*258*88mm	
Net Weight	5.5Kg	5.8Kg

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