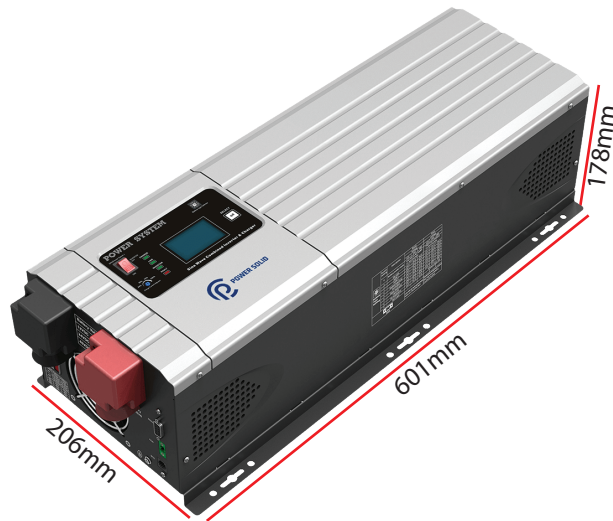




PSi5000W#48VM

Features:

- >> LCD display ,easy to read how inverter operates on LCD screen
- >> 5 -levels DIP switch ,offering customized performance
- >> 9 - levels battery selector ,Enable to charge Gel , lead-acid battery
- >> DC/AC prority optional
- >> 4 levels charge current adjustable
- >> With RS232 communication port
- >> With BTS & AGS , optimizing battery performance & start generator automatically
- >> Power saver Switch , Enable to minimize standby consumption



**Rated power
5KW**



**Battery DC voltage
48V**



**Wide AC input range
155-280Vac**



**Wide frequency
40HZ-80HZ**



**Battery smart
charge design**



**Pure copper
UI transformer**



**3 times surge power
based on
capacity 5KW**



Multi protection

Technical Specifications

MODEL	PSi5000W#48VM
Nominal Battery System Voltage	48VDC
INVERTER OUTPUT	
Rated Power	5KW
Surge Rating	15KVA
Capable Of Starting Electric Motor	3HP
Waveform	Pure sine wave
Nominal Output Voltage RMS	220V / 230V / 240VAC ($\pm 10\%$ RMS)
Output Frequency	50Hz / 60Hz ± 0.3 Hz
Inverter efficiency (Peak)	>88%
Line Mode Efficiency	>95%
Power Factor	1.0
Typical Transfer Time	10ms(max)
AC INPUT	
Voltage	230VAC
Selectable Voltage Range	155~280VAC
Frequency Range	50Hz / 60Hz (Auto sensing) 40~80Hz
BATTERY	
Minimum Start Voltage	44.0V
Low Battery Alarm	44.0Vdc ± 0.6 Vdc
Low Battery Cutoff	42.0Vdc ± 0.6 Vdc
High Voltage Alarm	64.0Vdc ± 0.6 Vdc
High Battery Voltage Recover	62.0Vdc ± 0.6 Vdc
Idle Consumption-Search Mode	<25W when power saver on
CHARGER	
Output Voltage	Depends on battery type
Charge AC Input Breaker Rating (230V)	40A
Overcharge Protection S.D.	62.8VDC
Maximum Charge Current	40A
Bypass & Protection	
Input Voltage Waveform	Sine wave (grid or generator)
Nominal Input Frequency	50Hz or 60Hz
Overload Protection (SMPS Load)	Circuit breaker
Output Short Circuit Protection	Circuit breaker
Bypass Breaker Rating (230V)	40A
Max Bypass Current	30Amp
MECHANICAL SPECIFICATIONS	
Mounting	Wall Mount
Dimensions (W*H*D) (mm)	601*206*178mm
Net Weight (Solar CHG) (kg)	35
Shipping Dimensions (W*H*D) (mm)	765*345*300
Shipping Weight (Solar CHG) (kg)	38.5
Other	
Operation Temperature Range	0°C to 40°C
Storage Temperature	-15 °Cto 60°C
Audible Noise	60dB MAX
Display	LED+LCD