

PSi5000W#48VPVS

Features:

- >> Max. can be 9pcs in parallel with optional kit
- >> Efficiently work with or without battery
- >> MPPT Solar Charge Controller up to 5000W solar panel
- >> Built-in Wifi for mobile monitoring(Requires APP)
- >> Compatible with (Li-ion,LiFePo4 and etc.) batteries with BMS
- >> Battery Equalization



Technical Specifications

Rated Power	PSi5000W#48VPVS
INPUT	
Voltage	230VAC
Voltage Range	176-280 VAC at 100% load
	110-280 VAC at 50% load
Frequency Range	50Hz/60Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt.Mode)	230VAC±3%
Surge Power	10400VA for 5 sec
Efficiency (Peak)	>95% (Rated R load, battery full charged)
Transfer Time	10ms typical (UPS)
	20ms typical (Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	64 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	450VDC
Maximum PV Array Power	5000W
MPP Range@ Operating Voltage	120-430VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
PHYSICAL	
Dimension, D X W X H (mm)	456*303*147
Net Weight(kgs)	12
Communication Interface	Removable OTG USB/RS232/RS458/BLE/Dry-contact, BMS interface 9pcs parallel
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°Cto 50°C
Storage Temperature	-15°Cto 60°C