

PSi400VAO#12VPVT

Features:

- >> Pure sine wave output
- >> Built in MPPT solar charge controller 60A
- >> DC Start & Automatic Self-Diagnostic Function
- >> High Efficiency Design & "Power Saving Mode" to Conserve Enrgy
- >> Auto restart when Ac in recovering
- >> Smart battery charger design for optimized battery performance
- >> Selectable charging current based on applications
- >> AC input/DC input/Solar input optional priority
- >> Built-in Transformer
- >> Wall-Mounted
- >> AVR function
- >> IP25



Technical Specification

Model	PSi400VAO#12VT
Capacity (VA)	400VA
Input Voltage (DC)	12V
Nominal Voltage	220VAC (Standard)
Voltage Range	154-275VAC ± 5V (Normal Mode)
Frequency	50/60Hz±5%
Rated Power	250W
Output Voltage (AC)	220VAC±10% (With AVR function)
Output Frequency (AC)	50/60Hz±5%
Output Voltage (DC)	220VAC±3%
Waveform	Pure Sine Wave
Battery Type	Lead acid battery, flooded battery, lithium battery
Battery voltage	12VDC
Battery Charging Voltage	13.75VDC
Maximum PV array power	800W
PV Input Voltage Range (MPPT Controller)	15V-150VDC
Maximum photovoltaic open circuit voltage	150VDC
Maximum solar charging current	Up to 60A
Maximum AC charging current	30A
Transfer Time	≤10ms
Load peak ratio	(MAX) 3:1 / 500ms
Protections	Inverter: overload protection, short circuit protection, low voltage protection, (can be with the battery anti-back plate)
LCD indicator status	AC input voltage, AC input frequency, PV voltage, PV current, Output Voltage, Output
Audible alarm	Low battery protection-continuous beeping
	Low battery protection-1 second beeping
	Overload-continuous beeping
	Overload less than 130%-1 second beeping and shutdown the output after 30 seconds; Overload more than 150%, shutdown the output after 300ms
Working temperature	0-60°C
Storage temperature	-15°C~45°C
Relative humidity	-10°C~90°C Non condensing
Noise(dB)	>55dB
Dimension (L*W*H) mm	470*335*210MM
Weight (kg)	11kg