

PSi3.6KW#24VPV

Features:

- >> Customizable status LED bar with RGB lights
- >> Built-in wifi for mobile monitoring (Android/iOS Apps are available)
- >> Supports USB On-the-Go function
- >> Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- >> Replaceable fan design for ease of maintenance
- >> Battery independent design
- >> Configurable AC/PV output usage timer and prioritization
- >> Selectable high power charging current
- >> Selectable input voltage range for home appliances and personal computers
- >> Built-in anti-dust kit
- >> Optional DC output for DC fan, LED bulb, router and so on



RGB light:

Different color to present output source from PV, Grid or battery and battery charge/discharge status



Communication for Remote panel



Diverse communications:

USB On-the-Go function, Dry contact and BMS communication



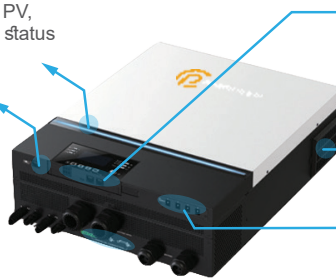
Anti-dust filter:

Increase product reliability in harsh environment



DC output connectors:

Connect to DC fan, LED bulb or router



Technical Specifications

MODEL	PSi3.6KW#24VPV
Rated Power	3600VA/3600W
PARALLEL CAPABILITY	NO
INPUT	
Voltage	230 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%
Surge Power	7500VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	15 MS (For Personal Computers); 20 MS (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	< 45W
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	4000 W
MPPT Range @ Operating Voltage	120 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	80 A
Maximum AC Charge Current	80 A
Maximum Charge Current	80 A
PHYSICAL	
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	14.1
Communication Interface	USB/RS232/RS485/WIFI/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	CE