



PSi3000W#24VPVM

Features:

- >> Pure sine wave solar inverter
- >> Output power factor 1
- >> Built-in 80A MPPT solar charger
- >> Battery equalization function to optimize battery performance and extend lifecycle
- >> Built-in anti-dusk kit for harsh environment

Introduction

PSi3000W#24VPVM is a multi-functional inverter/charger, combining functions of inverter, solar charger and battery charger to offer uninterruptible power support in portable size. Its comprehensive LCD display offers userconfigurable and easy-accessible button operation such as battery charging current, AC/solar charger priority, and acceptable input voltage based on different applications.



Rated power
3kw



Battery Voltage
24VDC



Auto Frequency Sensing
50Hz



Multi Protection



Battery smart
charge design



Lead-acid/Lithium Battery
Optional

General Features

MODEL	PSi3000W#24VPVM
Nominal Battery System Voltage	24VDC
Inverter Output	
Rated Power	3000W
Surge Power	6000W
Waveform	Pure Sine Wave
AC Voltage Regulation(Batt. Mode)	(220VAC~240VAC) ±5%
Inverter Efficiency (Peak)	93%
Transfer Time	10ms (For Personal Computers) 20ms (For Home Appliance)
AC Input	
Voltage	230VAC
Selectable Voltage Range	170~280VAC (Narrow Range) \ 90~280VAC (Wide Range)
Frequency Range	50Hz/60Hz (Auto sensing)
Battery	
Normal Voltage	24VDC
Floating Charge Voltage	27VDC
Overcharge Protection	30VDC
Solar Charger & AC Charger	
Maximum PV Array OpenCircuit Voltage	145VDC
PV Array MPPT Voltage Range	30~130VDC
Standby Power Consumption	2W
PV Input Power	2000W
Maximum Solar Charge Current	80A
Maximum Efficiency	98%
Maximum AC Charge Current	30A
Maximum Charge Current	80A
Mechanical Specifications	
Machine Dimensions(W*H*D) (mm)	272*355*100
Package Dimensions(W*H*D) (mm)	540*395*241
Net Weight(kg)	11
Gross Weight(kg)	12
Other	
Humidity	5% to 95% Reality Humidity (Non-condensing)
Operating Temperature	0°C~55°C
Storage Temperature	-15°C~60°C