

SP3000 ~SP5000 Initial-P/-M

SP Initial Series

Keep high value with economy, SP Initial Series allow you easily to use solar energy.

User friendly, high-efficiency and reliable

Enjoy the green life

Features

- Pure sine wave inverter
- Selectable high power charging current
- Compatible to mains voltage or generator power
- Smart battery charger design for optimized battery performance
- Built-in solar charge controller
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- USB communication port

Specifications

MODEL	SP3000 Initial-P	SP5000 Initial-P	SP3000 Initial-M	SP5000 Initial-M
Rated Power	3000VA/ 2400W	5000VA/ 4000W	3000VA/ 2400W	5000VA/ 4000W
INPUT				
Voltage	230 VAC			
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)			
Frequency Range	50 Hz/60 Hz (Auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%			
Surge Power	10000VA			
Peak Efficiency	93%			
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)			
Waveform	Pure sine wave			
BATTERY				
Battery Voltage	24 VDC	48 VDC	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER				
Solar Charger Type	PWM		MPPT	
Maximum PV Array Open Circuit Voltage	60VDC	105Vdc	100VDC	145Vdc
Operation Voltage Range	30~32Vdc	60~72Vdc	N/A	N/A
PV Array MPPT Voltage Range	N/A	N/A	30~80Vdc	60~115Vdc
Maximum Solar Charging Current	50A		40A	60A
Maximum AC Charging Current	25A	60A	25A	60A
Maximum Charging Current	70A	110A	60A	120A
PHYSICAL				
Dimension (D×W×H)	100×285×334 mm	100×300×440 mm	100×285×334 mm	100×300×440 mm
Net Weight	9.6kgs	11.8kgs	9.8kgs	13kgs
OPERATING ENVIRONMENT				
Humidity	5% to 95% Relative Humidity (Non-condensing)			
Operating Temperature	-10°C ~ 55°C			
Storage Temperature	-15°C ~ 60°C			

Specifications are subject to change without notice.

Application diagram

