



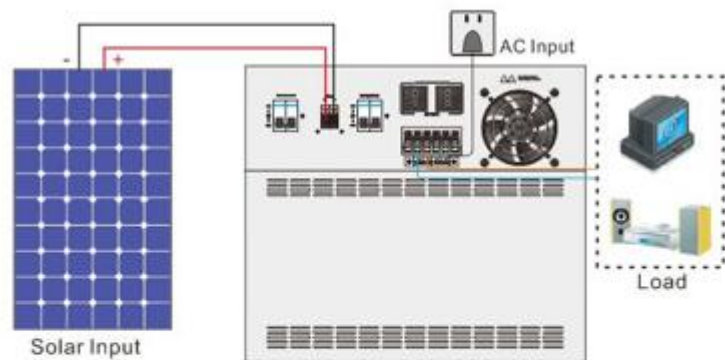
Portable solar system

1KW/2KW/3KW-48VDC

built in 48VDC100AH

1、 Product features

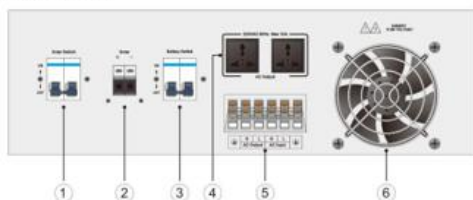
- Double CPU intelligent control technology, performance excellence;
- The power mode / energy saving mode / battery mode can be set up, flexible application;
- The type of battery / charging current can be set, convenient and practical;
- smart fan control, safe and reliable;
- The pure sine wave output, can adapt to various types of load;
- The LCD real-time display device parameters, running status at a glance;
- The output overload, short circuit protection, automatic protection and alarm;
- The intelligent solar controller, overcharge, overdischarge protection, current limiting charging, multiple protection;
- Automatic operation of the inverter, the use of the process does not require human values;



(1) Front panel icon .



(2) Side panel icon .



- ①--Solar input switch
- ②--Solar input port
- ③--Battery input switch
- ④--AC Output port
- ⑤--AC Input/AC Output port
- ⑥--Fan

TECHNICAL DATA

Model :		SND1000-5KWH	SND2000-5KWH	SND3000-5KWH	SND3000-6KWH
power rating		1000W	2000W	3000W	3000W
Battery	rated voltage	24VDC	48VDC	48VDC	48VDC
	AC Charge Current	30A (C0-C6 Can be set)			
	Battery Type	LiFePO4			
	Capacity	200Ah	100Ah	100Ah	120Ah
Input	Voltage Range	85-138VAC/170-275VAC			
	frequency	45-65Hz			
Output	voltage range	110VAC/220VAC; $\pm 5\%$ (Inverter mode)			
	frequency	50/60Hz $\pm 1\%$ (Inverter mode)			
	Output wave	Pure Sine Wave			
	Change time	< 10ms(Typical load)			
	frequency	> 85% (80% Resistive load)			
	overcharge	110-120%/30S; > 160%/300ms;			
	Protection function	Battery over-voltage and low-voltage protection, overload protection, short circuit protection, over-temperature protection			
PWM Solar Controller	Battery voltage	24 (VDC)			
	Max Voltage	≤ 50 (VDC);			
	Charge Voltage range	25-50(VDC);			
	Rated charge current	60A (Max)			
	Max Power	1600(W)			
	Overcharge Voltage	30VDC			
	Overcharge recovery voltage recovery voltage	28(VDC);			
	Floating charge voltage	27.2(VDC);			
Operating ambient temperature		0-40℃			
Storage ambient temperature		-15 - +50℃			
Operating / storage environment		0-90% No Condensation			
Dimensions: L * W * H (mm)		555*515*540			
Packing size: L * W * H (mm)		640*600*695			