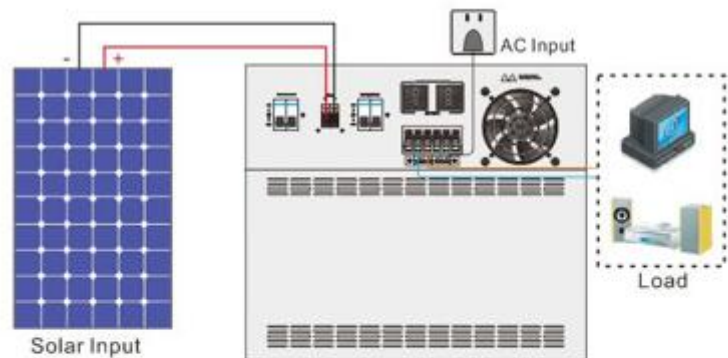




Portable solar system SDN2000-5KWH

1、 Product features

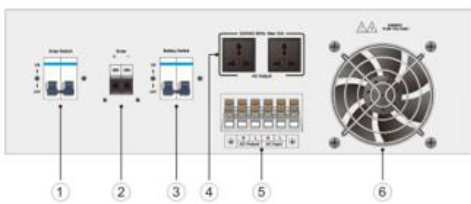
- Double CPU intelligent control technology, performance excellence;
- The power mode / energy saving mode / battery mode can be set up, flexible application;
- The type of battery / charging current can be set, convenient and practical;
- smart fan control, safe and reliable;
- The pure sine wave output, 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 : FT		SDN2000-5KWH
power rating		2000W
Battery	rated voltage	48VDC
	Charge Current	50A
	Battery Type	磷酸铁锂电池
	Capacity	105Ah
Input	Voltage Range	170-275VAC
	frequency	45-65Hz
Output	voltage range	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
Solar Controller	Battery voltage	48 (VDC)
	Max Voltage	100(VDC);
	Charge Voltage range	60-100(VDC);
	Rated charge current	50A (Max)
	Max Power	2200(W)
	Overcharge Voltage	30VDC
	Overcharge recovery voltage reovery voltage	53.25(VDC);
	Floating charge voltage	51.75(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)		