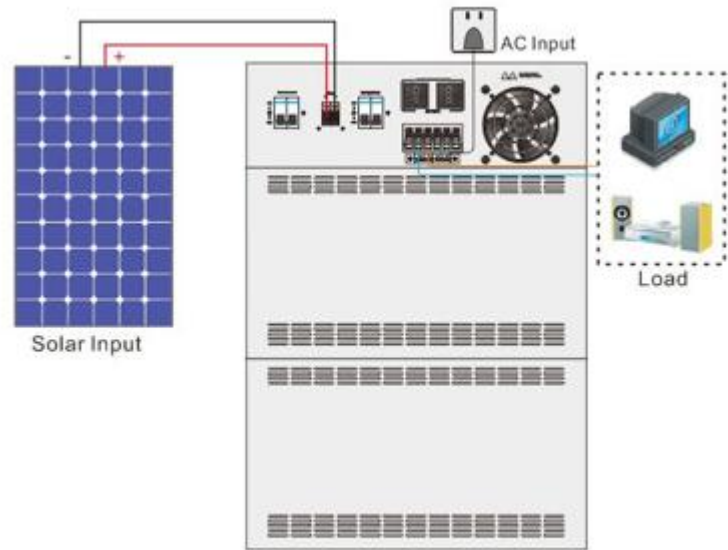




Portable solar system
1KW/2KW/3KW-24VDC
built in 12VDC200AH*2

1、 Product features

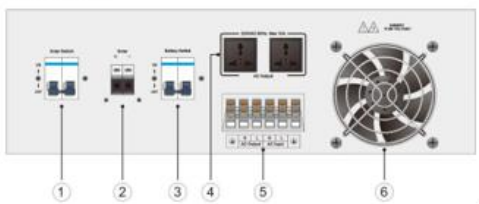
- Double CPU intelligent control technology, performance excellence;
- The power mode / energy saving mode / battery mode can be set up, flexible application;
- The type of battery / charging current can be set, convenient and practical;
- smart fan control, safe and reliable;
- The pure sine wave output, 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		AL1000W	AL2000W	AL3000W
power rating		1000W	2000W	3000W
Battery	rated voltage	24VDC	24VDC	24VDC
	AC Charge Current	30A (C0-C6 Can be set)		
	Battery Type	U0-U7 Can be set		
	Capacity	2*200AH-12V		
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 reovery 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		