

SJW Inverter Charger/Solar Inverter Charger

Feature

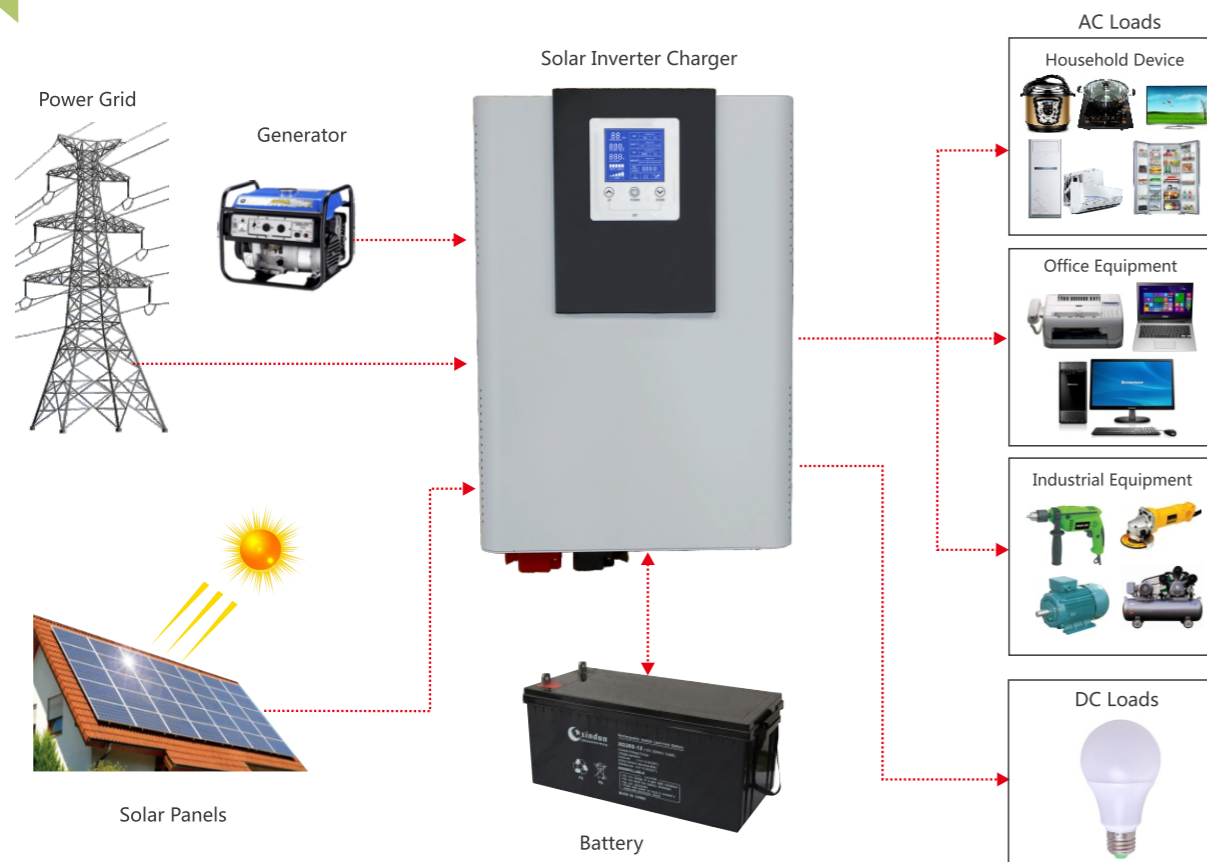
- Pure sine wave output;
- Low frequency toroidal transformer lower loss;
- Brand new wide LCD screen, clearly and precisely shows working data;
- Three -stage charging: Constant current , constant voltage, float charge;
- Three types working modes; Battery type selectable;
- Added fault code query function, easy to monitor the operation in real time;
- Supports RS232 or RS485 communication port.



Application Area

- Office and public facilities, household system, network transmission equipment, manufacturing, control system, solar energy system, oil field, drilling field operation, etc.
- Provide stable, reliable and safe solutions for families, islands, ships and other small photovoltaic power systems

System Application Diagram



Technical Parameters

Model: SJW	50112/24	70112/24	10212/24	15224/48	20224/48	30224/48	40248/96	50248/96	60248/96	70296
Rated Power	500W	700W	1000W	1500W	2000W	3000W	4000W	5000W	6000W	7000W
Battery Voltage	12/24VDC	12/24VDC	12/24VDC	24/48VDC	24/48VDC	24/48VDC	48/96VDC	48/96VDC	48/96VDC	96VDC
Size(L*W*Hmm)	408*296*130		470*316*130		560*388*150		620*400*181			
Package Size(L*W*Hmm)	495*365*220		555*385*220		665*460*235		700*485*265			
N.W.(kg)	8.5	9.5	10.5	14	17	20	25	26	30	34
G.W.(kg)(Carton Packing)	10	11	12	16	19	22	27	28	32	36
Input	DC Input Voltage Range	10.5-15VDC (Single battery voltage)								
	AC Input Voltage Range	73VAC~138VAC / 145VAC~275VAC								
	AC Input Frequency Range	45Hz~65Hz								
Output	Efficiency	≥85%								
	Output Voltage(Battery Mode)	110VAC±2% / 220VAC±2%								
	Output Frequency(Battery Mode)	50/60Hz±1%								
	Output Wave(Battery Mode)	Pure Sine Wave								
	AC Output Voltage Range	110VAC±10% / 220VAC±10%								
	AC Output Frequency Range	Tracking Automatically								
Inside Solar controller (Optional)	Charging Mode	PWM		MPPT or PWM						
	Charging Current	10A/20A/30A		10A/20A/30A/40A/50A/60A						
	PV Input Voltage Range	12V System: 15V-44V; 24V System: 30V-44V; 48V System: 60V-88V								
	Max PV Input Voltage (At 25°C)	12V/24 System: 50V; 48V System: 100V								
	PV Array Maximum Power	12V System: 140W / 280W / 420W / 560W / 700W / 840W; 24V System: 280W / 560W / 840W / 1120W / 1400W / 1680W; 48V System: 560W / 1120W / 1680W / 2240W / 2800W / 3360W								
Working Mode	Battery First/AC First/Saving Energy Mode									
AC Charging current (selectable)	0~30A									
Transfer Time	≤4ms									
Display	LCD									
Thermal method	Cooling fan in intelligent control									
Battery Type (Optional)	LEAD	Charge Voltage : 14V ; Float Voltage : 13.8V (Single battery voltage , x2 for 24V; x4 for 48V)								
	OP-LE	Charge Voltage : 14.2V ; Float Voltage : 13.8V (Single battery voltage , x2 for 24V; x4 for 48V)								
	LITHIUM	Charge Voltage : 13V ; Float Voltage : 12.6V (Single battery voltage , x2 for 24V; x4 for 48V)								
Remark:The charging parameters of other types battery can be user-defined										
Protection	Over-load / Over-discharge / Short circuit / High temperayure / Reverse polarity									
Communication	RS232/RS485 (Optional)									
Environment	Noise	≤55dB								
	Temperature	-10°C~40°C								
	Humidity	0%~95% (No condensation)								

Note: 1. Specifications are subject to change without prior notice;
2. Special voltage and power requirements can be customized according to the actual situation of users.