

W10 Inverter Charger/Solar Inverter Charger

Feature

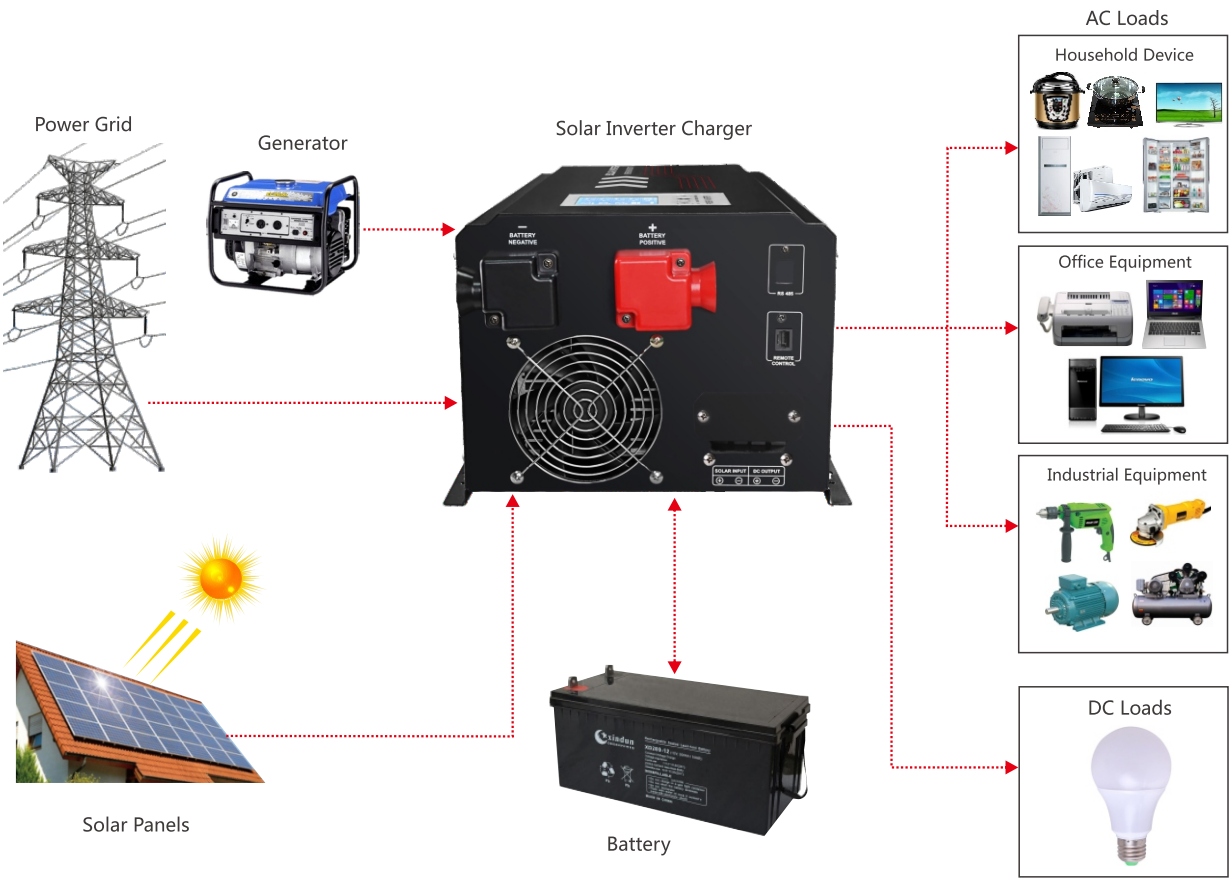
- Pure sine wave output;
- Industrial high efficiency I-shape transformer;
- AC charge current 0-30A adjustable; AVR output;
- Built-in MPPT or PWM charge controller optional;
- Integrated LCD display, One-button start with an external display screen(optional);
- Supports diesel or gasoline generator, adapt anytough electricity situation;
- Various communication ports and remote controls (RS232/RS485/APP/SNMP/GSM optional).

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: W10		10212/24	15212/24	20212/24/48	30224/48	40224/48	50248	60248	70248/96
Rated Power		1000W	1500W	2000W	3000W	4000W	5000W	6000W	7000W
Battery Voltage		12/24VDC	12/24VDC	12/24/48VDC	24/48VDC	24/48VDC	48VDC	48VDC	48/96VDC
Size(L*W*Hmm)		595*315*225				647*315*235			
Package Size(L*W*Hmm)		660*385*350				715*385*350			
N.W.(kg)		17	24	26	29	41.5	42.5	45.5	48
G.W.(kg)(Carton Packing)		20	27	29	32	45	46	49	52
Input	DC Input Voltage Range	10.5-15VDC (Single battery voltage)							
	AC Input Voltage Range	85VAC~138VAC / 170VAC~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	MPPT or PWM							
	Charging current	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 (External LCD Display(Optional))							
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/APP/SNMP/GSM(Optional)							
Environment	Noise	≤55dB							
	Temperature	-10℃~40℃							
	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.