

LS Inverter Charger / Solar Inverter Charger (1000W-6000W)

Feature:

- Pure sine wave output;
- Low frequency toroidal transformer lower loss;
- Intelligent LCD integration display;
- Built-in PWM or MPPT controller optional;
- AC charge current 0~30A adjustable, three working modes selectable;
- Peak power more than 3 times, full-automatic and perfect protection function;
- Added fault code query function, easy to monitor the operation in real time;
- Supports diesel or gasoline generator, adapt any tough electricity situation;
- Combine industrial and home usage, wall-mounted design, convenient installation.



Product Parameters

Specification						
Model: LS	10212/24	20212/24/48	30224/48	40224/48	50248	60248
Rated Power	1000W	2000W	3000W	4000W	5000W	6000W
Battery Voltage	12/24VDC	12/24/48VDC		24/48VDC	48VDC	
Size(L*W*Hmm)	490*300*130			510*320*130		
Packing Size(L*W*Hmm)	565*395*225			585*415*225		
N.W.(kg)	11.5	17.5	19.5	21.5	23.5	25.5
G.W.(kg) (Carton Packing)	13	19	21	23	25	27
Parameter						
Input	DC Input Voltage Range	10.5-15VDC (Single battery voltage)				
	AC Input Voltage Range	85VAC~138VAC /89VAC~144VAC / 93VAC~150VAC / 170VAC~275VAC / 178VAC~288VAC				
	AC Input Frequency Range	45Hz~65Hz				
Output	Efficiency	≥85%				
	Output Voltage(Battery Mode)	110VAC±2% / 115VAC±2% / 120VAC±2% / 220VAC±2% / 230VAC±2% / 240VAC±2%				
	Output Frequency(Battery Mode)	50/60Hz±1%				
	Output Wave(Battery Mode)	Pure Sine Wave				
	AC Output Voltage Range	110VAC±10% / 115VAC±10% / 120VAC±10% / 220VAC±10% / 230VAC±10% / 240VAC±10%				
	AC Output Frequency Range	Tracking Automatically				
Inside Solar controller (Optional)	Charging Mode	PWM or MPPT				
	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/24V System: 50V; 48V System: 100V				
	PV Array Maximum Power	12V System: 140W,280W,420W,560W,700W,840W; 24V System: 280W,360W,840W,1120W,1400W,1680W; 48V System: 560W,1120W,1680W,1120W,2240W,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 (selectable)	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 temperature / Reverse polarity					
Communication	RS232/RS485 (Optional)					
Environment	Noise	≤55dB				
	Temperature	-10°C~40°C				
	Humidity	0~95%(No condensation)				

Note: All specifications are subject to change without prior notice