

ULTRA

Power Inverter 1KVA



Feature:

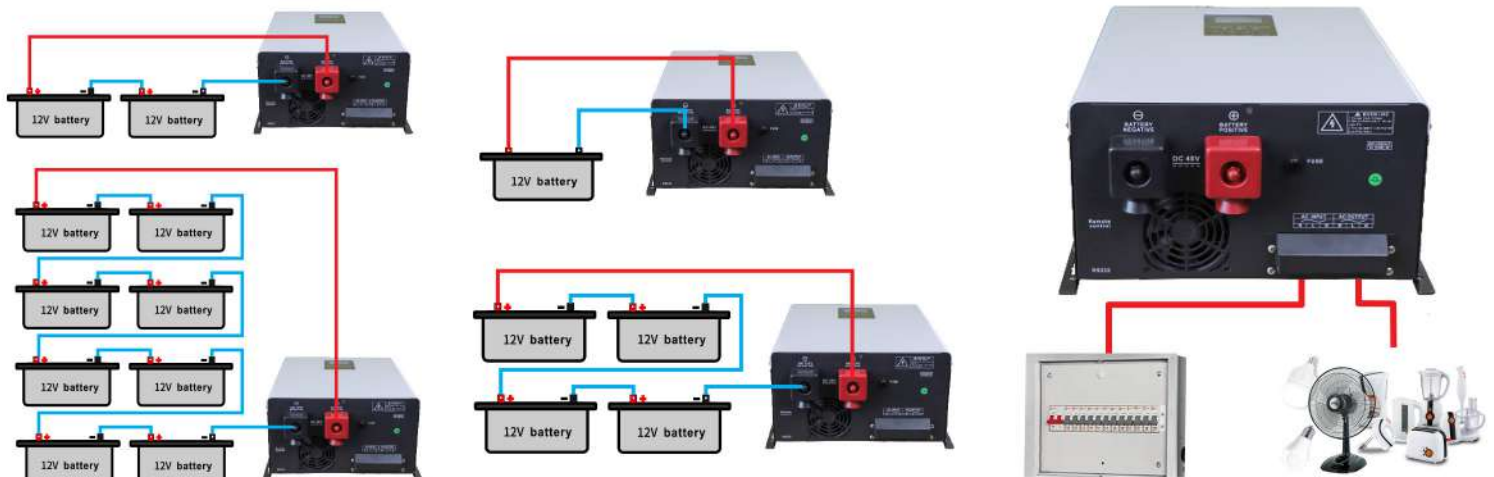
- Pure sine wave output.
- With UPS automatic switching function, grid power charging function.
- It has perfect protection functions such as overload, high voltage, low voltage, short circuit, etc.
- Battery type, charging voltage grid power charging current (0-35A) can be set freely to meet the charging management of different types of batteries.
- Strong inverting capability, one-time soft start, triple output peak power, with all inductive loads.
- Full personalized LCD display, inverters can display.
- Grid power priority, energy saving mode and solar energy priority can be set freely to meet different occasions.
- DSP Intelligent Chip Control, Excellent Performance Strong.

LCD Display Information:

1.	INPUT	AC Input
2.	(1)	Working mode code
3.	OUTPUT	AC Output
4.	⏻	ON/OFF button
5.	⬆	UP button
6.	BATT	battery capacity
7.	⬇	DOWN button
8.	⚙	SET button
9.	LOAD 25%--100%	Load output percentage
10.	🔇	Mute



Solar System Connection:



Specification

Model		1000VA	2000VA	3000VA	5000VA	10000VA				
Default battery system voltage (VDC)		12VDC/24VDC/48VDC		24VDC/48VDC/96VDC		48VDC/96VDC				
Inverter Output	Rated power	1000VA	2000VA	3000VA	5000VA	10000VA				
	Surge rating (20ms)	3000VA	6000VA	9000VA	15000VA	30000VA				
	Capable of starting electric Motor	0.5HP	1HP	2HP	3HP	5HP				
	Wave form	Pure sine wave/ Same as input (AC mode)								
	Nominal output voltage RMS	110/120VAC 220/230/240VAC(±3RMS)			220/230/240VAC(±3RMS)					
	Output frequency	50Hz/60±0.3Hz								
	Inverter efficiency(Peak)	>85%								
	Line mode efficiency	>95%								
	Typical transfer time	8ms(Max)								
	Power factor	0.7								
AC Input	Voltage	110/120VAC 220/230/240VAC			220/230/240VAC					
	Selectable voltage range	85-138VAC(AC:110) 170-275VAC(AC:220)		180-260VAC(AC:220)						
	Frequency range	50Hz:45-65Hz 60Hz:55-65Hz 50Hz/60Hz(Auto sensing)								
Battery	Low battery protection	10VDC±0.3V (12VDC),20VDC±0.3V (24VDC),40 VDC±0.3V (48VDC),80 VDC±0.3V (96VDC)								
	Low battery cutoff	10.5VDC±0.3V (12VDC),21VDC±0.3V (24VDC),42 VDC±0.3V (48VDC),84VDC±0.3V (96VDC)								
	High Battery alarm	15VDC±0.3V (12VDC),30VDC±0.3V (24VDC),60 VDC±0.3V (48VDC),120 VDC±0.3V (96VDC)								
	High Battery protection	16.5VDC±0.3V (12VDC),33VDC±0.3V (24VDC),66VDC±0.3V (48VDC),132VDC±0.3V (96VDC)								
AC Charger	Maximum charge current	0-35A(Set by yourself)								
Protection	Over load protection	Rated power over 110%,shut down automatically								
	Temperature protection	Built-in temperature sensor real-time induction, ,≥85 alarm, ,≥85 shut down the whole machine								
	Short circuit protection	Automatic Shutdown								
Other	Mounting	Wall mount								
	Display	LCD+LED								
	Cooling fan	Intelligent Fan Cooling System								
	Audible noise	< 60dB								
	Coommunications	RS-232,SNMP,WI-FI,Dry Contact(Optiona)								
	Operation temperature range	-10°C~50°C								
	Storage temperature	-10°C~60°C								
Appearance	Product size(L*W*H)	470*280*205			640*285*205		765*320*250			
	Packing size(L*W*H)	550*350*255			740*350*275		840*405*320			
	Net weight (kg)	12	16	19	28	30	32	51	56	62
	Gross weight (kg)	14	18	21	31	33	35	55	60	64

OFF GRID INVERTER / **Low Frequency Pure Sine Wave Inverter**

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