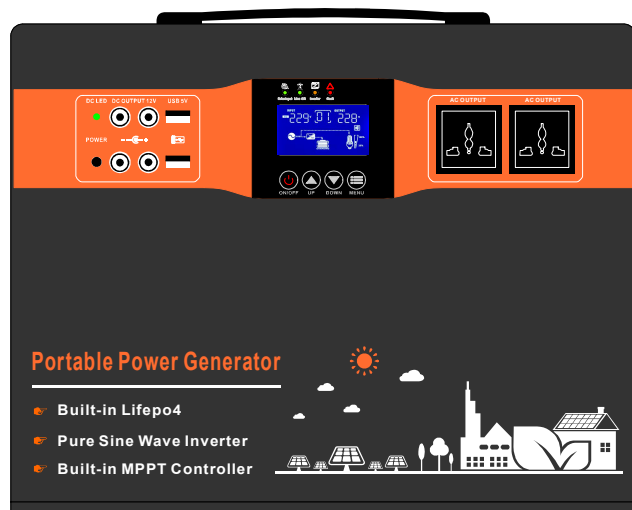
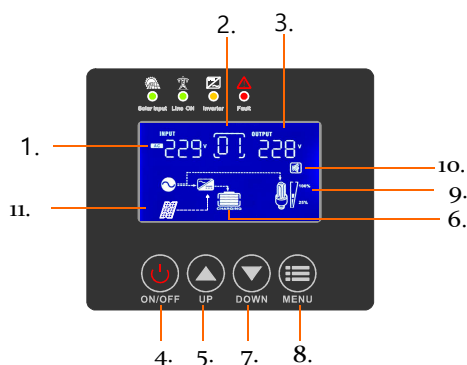




Feature:

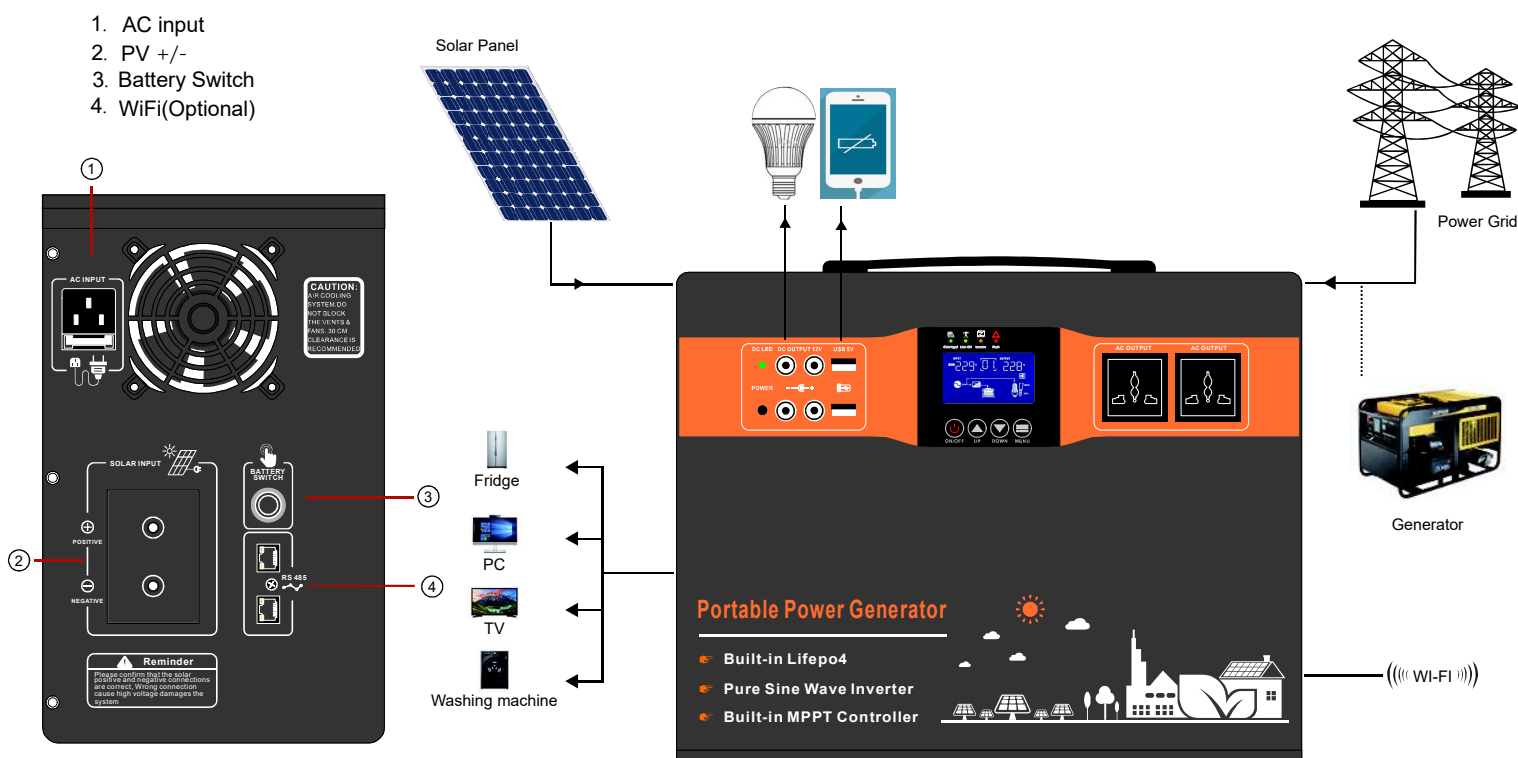
- ▶ Low Frequency pure sine wave
- ▶ With UPS automatic switching function, grid power charging function
- ▶ It has perfect protection functions such as over load high voltage, low voltage, short circuit, etc.
- ▶ DSP Intelligent Chip Control, Excellent Performance
- ▶ Strong inverting capability, one-time soft start, triple output peak power, with all inductive loads
- ▶ Smart LCD display and setting(Working modes, Charge Current, Charge Voltage, charging on/of switch ,AC range input , battery voltage ,Battery low voltage shutdown etc.)
- ▶ Full personalized LCD display, inverters can display various data information
- ▶ Mains priority mode , Battery priority mode , Energy saving priority ,Generator mode, Mains priority unattended mode,Battery priority unattended mode, can be set freely to meet different occasions
- ▶ WiFi/RS485 remote monitoring communication (Optional)
- ▶ With MPPT solar charge controller 30-80A(Optional)

LCD Display Information:



NO	LCD Display	Contents Descriptions
1.	INPUT	AC Input
2.	(1)	Working mode code
3.	OUTPUT	AC Output
4.	ON/OFF	ON/OFF button
5.	UP	UP button
6.	BATT	battery capacity
7.	DOWN	DOWN button
8.	SET	SET button
9.	LOAD 25%--100%	Load output percentage
10.	Mute	Mute
11.	PV Input	PV Input

Solar System Connection



Specification

MODEL		1000W	1500W	2000W	3000W	5000W	6000W
Inverter Output	Rated power	1000W	1500W	2000W	3000W	5000W	6000W
	Surge rating(20MS)	3000W	4500W	6000W	9000W	15000W	18000W
	Wave form	Pure sine wave					
	Power factor	1					
	Output voltage RMS	110VAC/120VAC;220VAC/230VAC/240VAC					
	Output frequency	50Hz or 60Hz (±0.3Hz)					
	Inverter efficiency (peak)	>85%					
	Line mode efficiency	>95%					
	Overload	120%<Load<130% ±10:Fault(Turnoff output after 60seconds) 130%<Load<150% ±10:Fault(Turnoff output after 10seconds) 150%<Load ±10:Fault(Turnoff output after 10seconds)					
DC Output	5VDC USB Output Port	2 Pcs/Max*2A					
	12VDC Output Ports	4 Pcs/Max*4A					
Battery	Battery type	LifePO4 Lithium					
	Battery voltage	25.6VDC	25.6VDC	25.6VDC	51.2VDC	51.2VDC	51.2VDC
	Built-in Battery Capacity	1200WH	1800WH	3000WH	3000WH	5000WH	5000WH
	Low Voltage Protection Voltage	20VDC	20VDC	20VDC	40VDC	40VDC	40VDC
	Voltage For Floating Charge	27.6VDC	27.6VDC	27.6VDC	55.2VDC	55.2VDC	55.2VDC
	Voltage For High Voltage Protection	29.2VDC	29.2VDC	29.2VDC	58.4VDC	58.4VDC	58.4VDC
AC Input Mode	Input wave form	Pure sine wave					
	AC input voltage	110V/120VAC±20% ;220/230/ 240VAC±20%					
	Low input voltage	110/120VAC:70-90VAC(adjustable),80VAC(default) ;220/240VAC:140-180VAC(adjustable),140VAC(default)					
	Max input voltage	110/120VAC:130-145VAC(adjustable),137VAC(default) ;220/240VAC:260-290VAC(adjustable),275VAC(default)					
	Input frequency	50Hz / 60Hz (auto sensing)					
	Efficiency (AC mode)	>95% (load, full battery)					
	Transfer time AC to DC	8ms(Max)					
Solar Charger	Maximum PV Charge Current	30A	50A	60A	60A	80A	80A
	Maximum PV Array Power	768W	1280W	1536W	3072W	4096W	4096W
	MPPT Range @ Operating Voltage	15~80VDC	30~80VDC	30~120VDC	60~150VDC	60~150VDC	60~150VDC
	MPPT Maximum PV Array Open Circuit Voltage	90VDC	90VDC	130VDC	160VDC	160VDC	160VDC
	MPPT Maximum Efficiency	>98%					
	Standby Power Consumption	<2W					
AC Charge Current (Max)	AC Charge Current	30A	30A	30A	30A	40A	40A
		Min charge current 5A, Change by every 5A					
Dimensions	Mounting	Vertical Mount					
	Dimensions (W*H*D)	395*195*360mm		465*270*490mm		550*300*605mm	
	Ship Dimensions (W*H*D)	458*258*433mm		540*340*655mm		640*365*770mm	
	Net Weight (kg)	25	35	50	55	82	87
	Shipping Weight (kg)	27	37	56	61	91	96
	Warranty	1year					

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