



HYBRID INVERTER

4KW-PV6000-24V



TOUCH SCREEN + RGB FEATURES

- 👆 Touch color screen display, intuitive parameter display
- 🏠 Enhanced inverter output power under PV mode
- ⚡ Standard main and auxiliary dual AC voltage sufficient power output
- 🌈 Novel and fashionable RGB atmosphere lights indicator
- 📈 Higher photovoltaic utilization under PV and grid power complements
- 🛡️ EMI filtering and strong anti-interference technology
- ❄️ Frosted white appearance design

WITH ALL FEATURES



RGB Lights



100/120A MPPT



Dual Outputs



Color Touch LCD



Pure sine wave



PV 60-500DC
PV 90-500DC



Lithium Battery
Activation

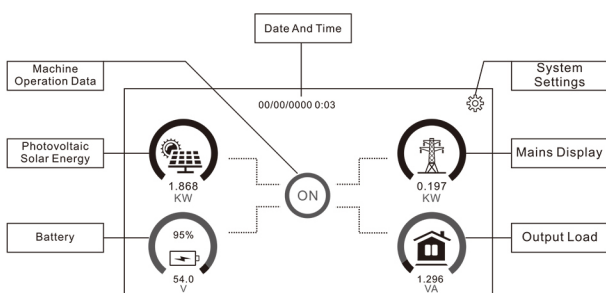


Wifi

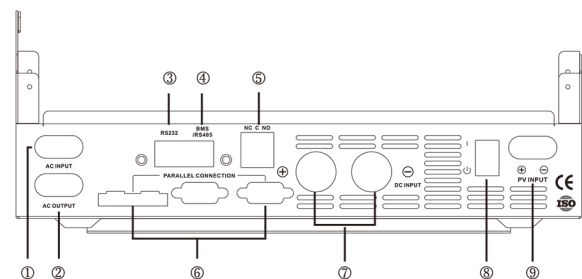
RESIDENTIAL ENERGY STORAGE SOLUTION

3.3 Product Overview

3.3.1 Touch color screen



3.3.2 Back Panel



TECHNICAL DATA



Model	4KW-PV6000-24V	6KW-PV-8500-48V	11KW-PV-13000-48V	
Input	AC Input	208/220/230/240VAC		
	Input Voltage Range	154-264VAC±3V (Normal Mode) 185-264VAC±3V (UPS Mode)		
	Frequency	50/60Hz±5%		
Output	Rated Power	4000W	6200W	11000W
	Output voltage	208/220/230/240VAC±5%		
	Output Frequency	50/60Hz±0.1%		
	Output wave	pure sine wave		
	Transfer Time(adjustable)	10ms for computer equipment, 20ms for household equipment		
	Peak power	8000VA	124000VA	22000VA
	Overload Ability	battery mode 1min@102%~110% load 10s@110%~130% load 3s@130%-150% load 200ms@>150% load		
	Peak efficiency	94%	94%	94%
Battery	Rated Voltage	24vdc	48vdc	48vdc
	Constant charging voltage (adjustable)	28.2VDC	56.4VDC	56.4VDC
	Float charging voltage (adjustable)	27VDC	54VDC	54VDC
Charger	PV charging method	MPPT	MPPT	Double MPPT
	Solar Panel Power	6000W	8500W	13000W
	PV Mode Power	4500W	6500W	11000W
	DC Mode Power	4000W	6200W	11000W
	Dual Output	4500W	6500W	6500W+6500W
	MPPT tracking range	60~500VDC	60~500VDC	90~500VDC
	MAX PV Input Voltage	500VDC	500VDC	500VDC
	MAX PV Charge Current	100A	100A	150A
	MAX AC Charge Current	80A	80A	150A
	MAX PV Input Current	27A	27A	27A+27A
	MAX Charge Current	120A	120A	150A
Display	LCD	Can display operating mode/load/input/output		
Communication Port	RS232	5PIN/Pitch2.54mm,baud rate 2400		
	Expansion slot communication interface	5PIN/Pitch2.54mm,Lithium battery BMS communication card,WIFI		
	Parallel interface	No Parallel	Parallel 9pcs	Parallel 6pcs
Ambient Temperature	Operating temperature	0℃~55℃		
	Storage temperature	-15℃~60℃		
	Operating environment humidity	20%~95% Non condensing		
	Noise	<50dB		
Dimension	490*312*125mm		570x500x148	

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