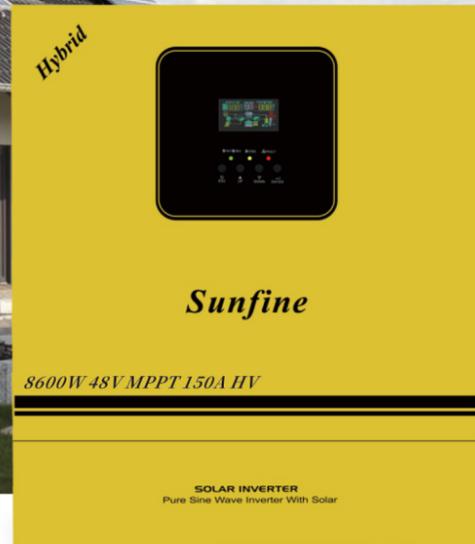


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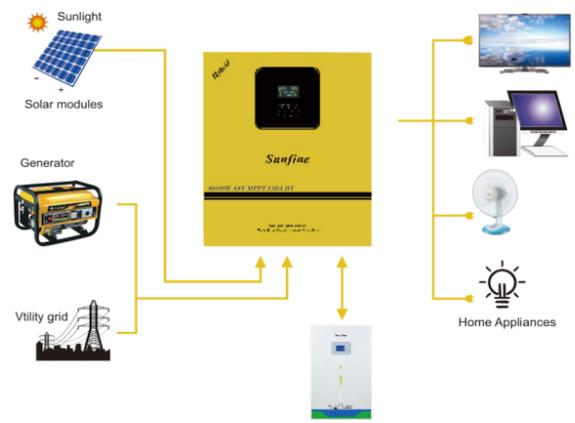
Solar Inverter Sunfine-8648M



Features:

- BMS function for lithium battery
- Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging
- Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel/Mains/Battery Power Shares
- Utility Charging Voltage/PV Charging Voltage Adjustable Match Different Battery Charging Requirements
- PF1.0, High Efficiency, Lower Consumption, Energy Conservation Environmental Protection/Electricity Saving/Cost Saving
- Support Working without Battery: Reduce Solar System Cost
- Communication Option: External WIFI, Supervise at Any Time

Solar system connection



Model	Sunfine-8648M	
Nominal Voltage	220/230/240VAC	
Voltage Range	90-280VAC±3V(Inverter Mode) 170-280VAC±3V(UPS Mode)	
Frequency	50-60Hz Auto sensing	
Rated Output Power	8600W	
Output Voltage(AC)	220/230/240VAC±5%	
Output Frequency	50/60Hz±0.1%	
Waveform	Pure sine wave	
Transfer time(AC to DC)	10ms for Computer Equipment, 20ms for Household Equipment	
Peak Power	17200VA	
Overload Capacity(Battery Mode)	21s@105%~150% Load 11s@150%~200% Load 400ms@>200% Load	
Grid connected Operation	Output Voltage	220/230/240VAC
	Grid Voltage Range	170-265VAC
	Grid Frequency Range	49-51±1Hz/59-61±1Hz
	Output Current	47.8A
	Power Factor Range	>0.99
	Max efficiency (DC/AC)	98%
Normal Voltage	48VDC	
Constant Charging Voltage	56.4VDC	
Float Charging Voltage	54VDC	
PV Charging Way	2*MPPT	
Max PV Input Power	13000W	
MPPT Controller Voltage	90-500VDC	
MAX PV Input Voltage	500VDC	
MAX PV Charge Current	150A	
MAX AC Charge Current	150A	
MAX Charge Current	150A	
LCD Display	AC input Voltage, AC input frequency, PV Voltage, PV Current, Output Voltage, Output Frequency, Battery Voltage, Load Current, etc.	
RS232	5PIN/Pitch2.0mm	
Expansion Slot Communication Interface	2×5PIN/Pitch2.54mm, Lithium battery BMS communication card, WIFI, etc	
Parallel Interface	Yes: Max 9 parallel machines	
Operating Temperature	-10~50°C	
Humidity	20%~95%(Non-condensing)	
Storage Temperature	-15~60°C	
Ork Altitude	No more than 1000m, If 1000m<, Rate power will lower, MAX 4000m, Refer	
Noise(dB)	≤50db	

