

Sunfine

Solar Inverter

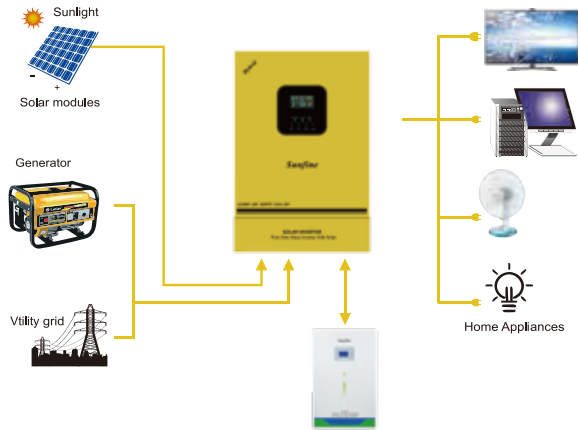
Sunfine-6248M



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/BatteryPower 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



Sunfine

Model		Sunfine-6248M		
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		6200W		
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		12400VA		
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	26.9A		
	Power Factor Range	>0.99		
	Max efficiency (DC/AC)	98%		
Norminal Voltage		48VDC		
Constant Charging Voltage		56.4VDC		
Float Charging Voltage		54VDC		
PV Charging Way		MPPT		
Max PV Input Power		8500W		
MPPT Controller Voltage		60-500VDC		
MAX PV Input Voltage		500VDC		
MAX PV Charge Current		120A		
MAX AC Charge Current		100A		
MAX Charge Current		120A		
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		No		
Operating Temperature		-10~50℃		
Humidity		20%~95%(Non-condensing)		
Storage Temperature		-15~60℃		
Ork Altitude		No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer		
Noise(dB)		≤50db		