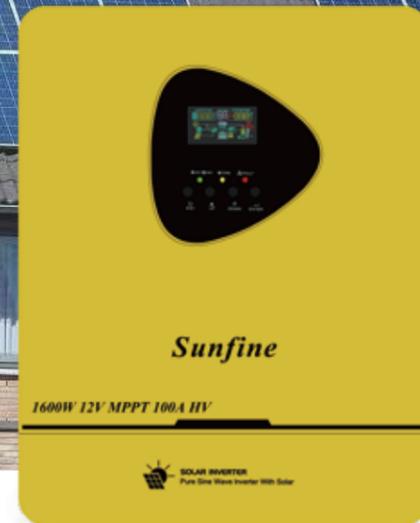


## Solar Inverter

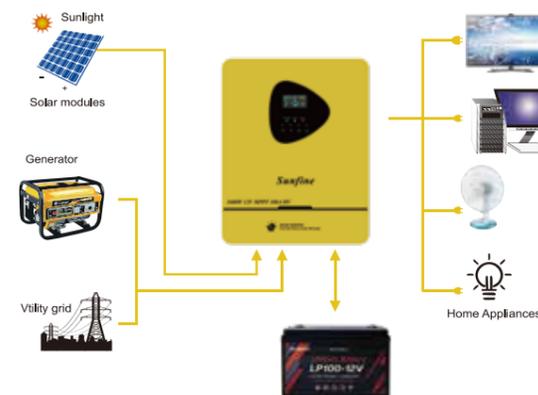
## Sunfine-2012M



### Features:

- Rounded corner design, exquisite appearance
- Multiple parameters can be adjusted according to user needs to adapt to different occasions
- Minimum PV Voltage 30V, more cost-effective to use
- Support lithium battery communication, external WIFI, generator self-start dry contact function
- Real-time display of actual load power greatly improves user perception
- Pure sine wave output, can adapt to different loads
- Output short-circuit protection function

### Solar system connection



Model	Sunfine-2012M	
Input Formation	L+N+PE	
AC Input	220/230/240VAC	
Input Voltage Range	90-280VAC±3V(Normal Mode)185-264VAC±3V (UPS Mode)	
Frequency	50/60Hz(Adaptive)	
Rated Power	1600W	
Output Voltage	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	3200VA	
Overload Ability	Battery Mode: 21s@102%~110% load 10s@110%~130% load 3s@130%~150% load 400ms@>150% load	
Grid connected Operation	Output Voltage	No grid connection
	Grid Voltage Range	
	Grid Frequency Range	
	Output Current	
	Power Factor Range	
	Max efficiency (DC/AC)	
Rated Voltage	12VDC	
Constant Charging Voltage	14. 1VDC	
Float Charging Voltage	13. 5VDC	
PV Charging Method	MPPT	
Max PV Input	2000W	
MPPT Tracking Range	30~500VDC	
MAX PV Input Voltage	500VDC	
MAX PV Charge Current	100A	
MAX AC Charge Current	60A	
MAX Charge Current	100A	
LCD	Can display operating mode/load/input/output	
RS232	5PIN/Pitch2.54mm,Baud Rate 2400	
Expansion Slot Communication Interface	Lithium Battery BMS Communication Card,WIFI 2×5PIN/Pitch2.54mm	
Parallel Interface	Not Support Parallel	
Operating Temperature	-10°C~50°C	
Storage Temperature	-15°C~60°C	
Ork Altitude	No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer	
Operating Environment Humidity	20%-95% Non Condensing	
Noise	≤50dB	