

Sunfine

Solar Inverter

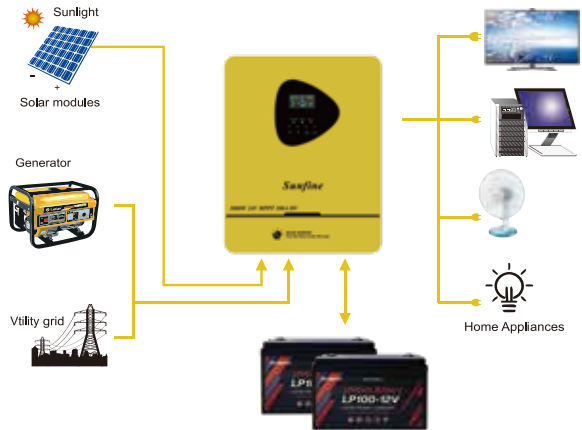
Sunfine-3024M



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



Sunfine

Model		Sunfine-3024M
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		3000W
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		6000VA
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		24VDC
Constant Charging Voltage		28.2VDC
Float Charging Voltage		27VDC
PV Charging Method		MPPT
Max PV Input		3000W
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℃~50℃
Storage Temperature		-15℃~60℃
Ork Altitude		No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer
Operating Environment Humidity		20%-95% Non Condensing
Noise		≤50dB