Connection Diagram



any e-smart mppt solar controller please click here

Application

- 1. Back-up UPS system for industrial, commercial, household,etc
- 2. Mobile power and standby power for areas that are lack of utility.
- 3. Off-grid solar & wind power system

Features

- 1. pure sine wave output, full power
- 2. CPU management and control, modular design
- 3. LCD display, can visually display various parameters

- 4. Multifunction design, can set a variety of working mode
- 5. External battery connection, convenient to expand use time and back-up power time; user can connect as many batteries as needed
- 6. With super load carrying ability and high load capacity, this series of inverters can not only drive resistance load; but also various kinds of inductive loads, such as motor, air conditioner, electric drills, fluorescent lamp, gas lamp, etc. It can drive almost any kinds of load
- 7. Low frequency circuit design, good system stability, low failure rate and long service life (under proper operation, it may be as long as 5 years)
- 8. Perfect protection: low voltage protection, over voltage protection, overheat protection, short-circuit protection, overloads protection; alarm alert
- 9. CE / EMC / LVD/ RoHS Approvals
- 10. Two years warranty, life-long technical supports

Parameters

Parameter		3000VA	
Rated Output Capacity		2000W	
Peak Power		4000W	
Battery Voltage(DC)		24V/48V/96V(optional)	
Size W×D×H(mm)		350*220*460	
Packing Size W×D×H(mm)		370*240*480	
Net Weight (kg)		23	
Gross Weight (kg)		25	
General Parameter			
Working Mode [Setting[]	1	Utility First, Battery Standby	
	2	Sleep Mode no utility load's power higher than 5% of rated	
		power, start to work automatically	
	3	Battery first, utility standby	
AC Input	Voltage	220V±35% or 110V+35%□optional□	
AC Input	Frequency	50Hz±3% or 60Hz±3% [optional]	
	Voltage	220V±3% or 230V±3 or 240V±3% or 100V±3%	
AC Output		or 110V±3% (optional)	
	Frequency	50Hz±0.5 or 60Hz±0.5 (optional)	
	AC Charge	0~15A	
	Current		
Battery charge	Charge Time	Depend on battery capacity and quantity	
	Battery	Automatic detection, Charge and discharge	
	Protection	protection[Intelligent Management	
	Display Mode	LCD	
Display	Display	Input voltage□output voltage□output frequency□battery	
	Information	capacity_Load condition_Status Information	
Output Wave Type		Pure sine wave output□waveform distortion rate≤3	
Overload Ability		□120% 1 min□□130% 10s	
	Sleep Mode	1~6W	
	Normal Mode	1~3A	
Conversion Efficiency		80%~90%	
Transfer Time		□5ms □AC to DC / DC to AC□	

Protection		Overload output[]short-circuit[]high-voltage input[]low-voltage input[]overheat
Environment	Temperature	-10°C∏50°C
	Humidity	10%□90%
	Altitude	≤4000m

Products Photos





