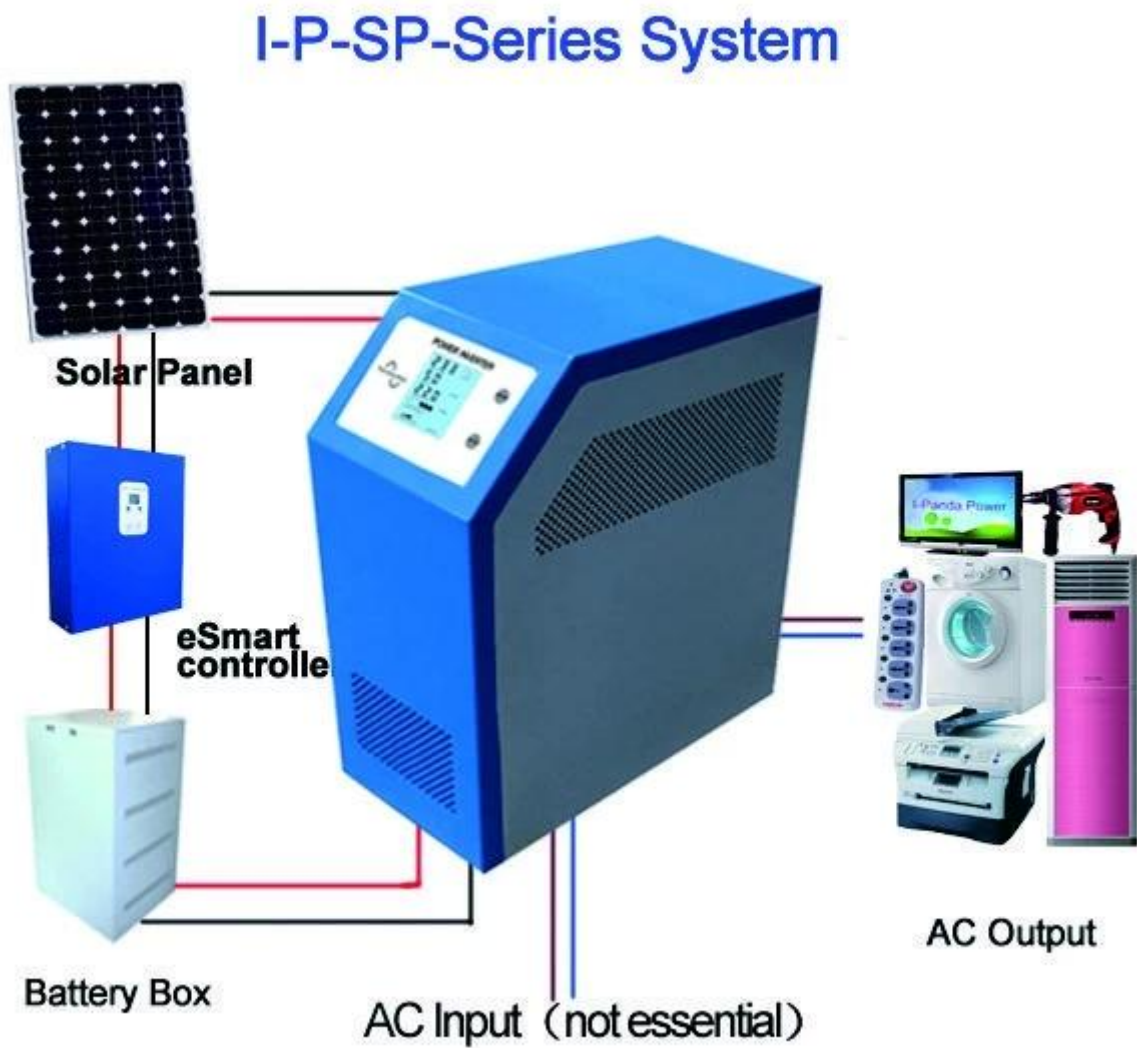


Connection Diagram



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			1500VA
Rated Output Capacity			1000W
Peak Power			2000W
Battery Voltage(DC)			24V
Size W×D×H(mm)			335*165*375
Packing Size W×D×H(mm)			355*185*395
Net Weight (kg)			14
Gross Weight (kg)			16
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□	
	Frequency	50Hz±3% or 60Hz±3% □optional□	
AC Output	Voltage	220V±3% or 230V±3 or 240V±3% or 100V±3% or 110V±3% (optional)	
	Frequency	50Hz±0.5 or 60Hz±0.5 (optional)	
Battery charge	AC Charge Current	0~15A	
	Charge Time	Depend on battery capacity and quantity	
	Battery Protection	Automatic detection, Charge and discharge protection,Intelligent Management	
Display	Display Mode	LCD	
	Display Information	Input voltage,output voltage,output frequency,battery capacity,Load condition,Status Information	
Output Wave Type			Pure sine wave output,waveform distortion rate≤3
Overload Ability			□120% 1 min,□130% 10s
Power Consumption	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





