

## Application

- 1 Back-up UPS system for industrial, commercial, household etc
- 2 Removable power and standby power for areas that are lack of utility.
- 3 Off-grid solar or wind power system
  - 3.1 Off-grid solar or wind power system
  - 3.2 AC first Off-grid solar or wind power system
  - 3.3 DC first Off-grid solar or wind power system

## Features

- 1 pure sine wave output, full power
- 2 CPU control, intelligent control, modular design
- 3 LCD display various parameters
- 4 Multifunction design (AVR, UPS), extra charger is not needed and electric appliances can be protected.
- 5 External battery connection, it's convenient for users to expand use time and back-up power time
- 6 With superload 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.
- 7 Low frequency circuit design, stable quality, low failure rate and long service life (under proper operation, it can last at least 5 years)
- 8 Perfect protection: low voltage protection, high voltage protection, over temperature protection, short-circuit protection, overload protection, alarm alert
- 9 CE / EMC / LVD/RoHS Approvals
- 10 Two years warranty, life-long technical support

## Parameter

Model	700VA	
Parameter		
Rated Output Capacity	500W	
Peak Power	1000W	
Battery Voltage(DC)	12V/24V(optional)	
Size W×D×H(mm)	335*165*375	
Packing Size W×D×H(mm)	355*185*395	
Net Weight (kg)	8	
Gross Weight (kg)	9	
General Parameter		
Working Mode	1	Utility first (AC first) battery standby mode
Setting	2	Sleep Mode, no utility, load's power higher than 5% of inverter rated output power, it will start to work automatically
	3	Battery first (DC first) utility standby UPS mode
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, Total Harmonic Distortion THD≤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 ,Short-circuit,High input voltage,Low input voltage,Overheat
Environment	Temperature	-10°C□50°C
	Humidity	10%□90%
	Altitude	≤4000m