Titanium

BET1000S Pure Sine Wave UPS Inverter

Multiple Intelligent Protections Keep Working Steadily

The product has passed more than 30 tests, such as high and low temperature cycle , alternating humidity and heat , roll-off , interface plug-in durability , fire protection , electromagnetic compatibility , full load test and so on. It also provides various safety protection functions.

Aluminum-magnesium alloy fuselage, compact structure, plug-and-play, UPS inverters can automatically switch between power supply and storage battery, automatic charging function, charging, inverters synchronized, convenient operation, so that you have a perfect use experience.

a household, office multi-functional UPS inverter, through the distribution of battery lines and battery links can provide maximum 1000W rated power and 2000W peak power. can be connected to the mains to charge the batteries and provide automatic switching between the mains and the batteries. At the same time, it can provide stable AC voltage input.
The power cord is made of multi-core oxygen-free copper, and the power supply with large load is guaranteed.

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Model	Titanium BET1000S DC/AC inverter
Rated Power	1000W
Peak Power	2000W
Input voltage	12V
Output Frequency	220V
Output Waveform	Pure Sine Wave
Conversion Efficiency	≥ 90%
AC Socket	2*Multifunctional Power Sockets
USB Charging Interface	1*5v 2.1A
Protections	input low voltage, input high voltage, short circuit overload, high temperature, over charging
Smart Dissipation	Intelligent Fans
Charging Voltage	AC 220V
Charging Mode	Three-stage (constant current, constant voltage, float charge)
Switching Time	≤30mS
Working Temperature	0-40 °C
Working Humidity	20-90 % RH
N.W	3.37 KG
G.W	4.26 KG
Size (WxDxH)mm	180x309x142

BET1000S pure sine wave UPS is an inverter launched by Titanium for instruments, medical, military, power, precision instruments, emergency and other fields. The main features of the product are as follows:

1. Full function power inverter.
2. Peak output power is up to 2000W, with overload and short circuit protections ;
3. Low input voltage protection design, providing automatic shutdown function in case of low battery voltage ;
4. The aluminum alloy shell and intelligent cooling fans are used to provide automatic shutdown protection from overheating, and it will automatically start after recovering to normal ;
5. Maintenance-free design ensures that the product can run continuously for a long time ;

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6. Plug and play, providing AC output socket to meet the demand of AC power and USB output from users ;
7. Providing input and output voltage monitoring functions ;
8. Application field: household, vehicle, marine, solar power generation system, outdoor mobile energy storage and others ;
9. The output voltage adopts three-stage charging mode (constant current, constant pressure, floating charge)

UPS Inverter Practical Applications

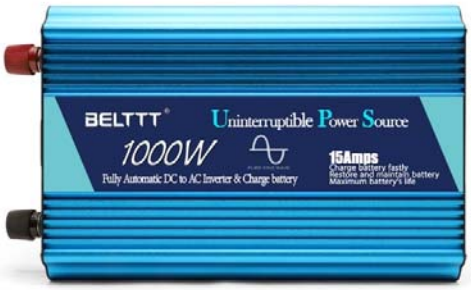
UPS inverter can be applied to all kinds of household appliances, lighting power, IT electronic products, office equipment, power tools, on-board electrical appliances, outdoor emergency power supply, etc. Output of Inverter for Power Utilization Equipment Power and some electrical equipment with high starting current may not be able to drive.

TEST ITEMS	TEST RESULTS
760W Percussion Drill	Normal
1000W Incandescent lamp	Normal
Home Theater	Normal
42-inch LCD TV	Normal
800W Electromagnetic Furnace	Normal
690W Electric Drill	Normal
450W Desktop Computer	Normal

Inverter Power Supply Connection Example

Inverters and batteries can form an independent power supply system. The equipment loaded and the time used should be determined according to the output power of the inverters and the capacity of the batteries.

BET1000S UPS Product Characteristics



- 1000w rated power,peak power 2000w,the same as the output of mains , pure sine wave inverters can meet all kinds of electrical loads.
- Perfect protection : short circuit, high temperature, overvoltage, low voltage , overload protection and other functions.
- Advanced circuit design, high conversion efficiency, rich interface, stable output voltage .
- Metal enclosures, reasonably designed and good heat dissipation.
- Advanced anti-interference technology, full-featured protection circuit and soft-start circuit, convenient operation mode.
- Soft-start function to eliminate cold start failure, instantaneous drop and fast recovery function to reduce the instantaneous overload when start-up.