

INV051 | INV037 | INV052

BELTTT



BET1000S

24V/220V

BET3000S

12V

BET2000S

24V/220V

OVERVIEW

The off-grid inverter series for the digital CPU control, DC / AC converter, the use of battery pack to provide energy conversion to AC voltage output.

With a sinusoidal waveform output, long-term work in the 0% -100% load state. Its instantaneous power of more than 1 times, for inductive, capacitive load and other different load types.

Applications include computers, communications, yachts, SUV, home recreation equipment, motors, power tools, industrial control equipment, various types of audio and video appliances and other applications.

FEATURES & BENEFITS

- Sine wave output (THD <3%)
- Highest efficiency output up to 91%
- Full LED display working status
- Too low battery capacity warning
- Full digital control tips
- The product complies with CE/FCC/LVD/ROSE specifications
- Can be applied to most AC input products
- One-year free product maintenance and warranty

BELTTT INVERTER	BET1000S	BET3000S 12V	BET2000S
Product Code	INV051	INV037	INV052
DC INPUT			
DC Voltage	24V	12V	24V
Battery Voltage	20V-30V(24V)	10V-15V(12V)	20V-30V(24V)
DC Current	37A(24V)	276A (12V)	92.5A(24V)
No-load loss	≤0.5A(24V)	≤3.8A(12V)	≤1.5A(24V)
Standby current		≤10mA	
Efficiency		≥90%	
Battery Type		Lead-acid battery	
AC OUTPUT			
Rated Power	1000W	3000W	2000W
Peak Power	2000W	6000W	4000W
AC Voltage		220V	
Frequency	50HZ±0.5HZ	50HZ±0.5HZ	50HZ±0.5HZ
Wave Form		Pure Sine Wave (THD<3%)	

BATTERY INVERTERS

BELTTT INVERTER	BET1000S	BET3000S 12V	BET2000S
BATTERY INPUT PROTECTION			
Insurance piece	40A*1(24V)	40A*8(12V)	40A*6(12V) 20A*6(24V)
Low Voltage Alarm	20V±1V(24V)	10.5V±0.5V(12V)	20V±1V(24V)
Low Voltage Protection	19V±1V(24V)	9.5V±0.5V(12V)	19V±1V(24V)
High Voltage Protection	30V±1V(24V)	15.5V±0.5V(12V)	30V±1V(24V)
Reverse Polarity Protection	Through an internal insurance film		
AC OUTPUT PROTECTION			
High Temperature Protection	75°C±5°C		
Short Circuit Protection	The red light is bright with an alarm and no output		
Overload Protection	≥ 1000W	≥ 3000W	≥ 2000W
	The red light is bright		
CHARGING INPUT			
Rated voltage	220V		
Rated frequency	50/60HZ±0.5HZ		
Full of efficiency	≥ 80%		
CHARGING OUTPUT MODE			
Constant current	8A(24V) The charging indicator is orange	15A(12V) The charging indicator is orange	8A(24V) The charging indicator is orange
Constant pressure voltage	28.8V(24V) The charging indicator is orange	14.4V(12V) The charging indicator is orange	28.8V(24V) The charging indicator is orange
Float charging voltage	27V(24V) The charging indicator is green	13.5V(12V) The charging indicator is green	27V(24V) The charging indicator is green
CHARGING INPUT PROTECTION			
Insurance tube	5A*1	5A*1	5A*1
Overload Protection	5A Over-current protector	5A Over-current protector	5A Over-current protector
High voltage protection	Varistor	Varistor	Varistor
CHARGING OUTPUT PROTECTION			
Insurance piece	15A*1(24V)	35A*1(12V)	15A*1(24V)
Short circuit protection	Yes		
Reverse connect protection	Through an internal insurance film		
USB			
Output voltage	5V		
Output current	500mA		
SPECIFICATIONS			
Conversions time	The municipal electricity is converted to contra-variant≤20mS		
	The inverse transform into a municipal electricity≤20mS		
Cooling mode	Smart fan, Automatic startup of high temperature and load		
DIMENSIONS			
Net weight (Kg)	3,37	6,48	5,28
Gross weight (Kg)	4,26	8,1	6,57
Product size (mm)	309* 180*142	529*180*142	454*180* 142
Packing size (mm)	355*245*210	558*246*209	485*245*210
Warranty	1 Year		

BACKUP SOLUTIONS

JBB004 - Joule Black
Box 24V 1000W / No Batteries



JBB005 - Joule Black Box
24V 2000W / No Batteries

