

INV031 | INV032

# BELTTT



**BEP300A**

300W 12V INVERTER

**BEP500SA**

500W 12V INVERTER

## 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.

## WARRANTY

In the normal use of the product to provide free repair service for 1 year, do not replace the parts or modify or repair the product in any way, so as not to affect your enjoyment of the normal warranty service.

## 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

## BATTERY INVERTERS

<b>BELTTT INVERTER</b>	<b>BEP300A</b>		<b>BEP500SA</b>	
<b>Product Code</b>	INV031		INV032	
<b>OUTPUT</b>				
<b>Rated Power</b>	300W		500W	
<b>Peak Power</b>	600W		1000W	
<b>INPUT</b>				
<b>Battery Voltage</b>	12V / 24V (Optional)	12V/24V/48V (Optional)	12V / 24V (Optional)	12V/24V/48V (Optional)
<b>Voltage Range</b>	10-15V(12V) / 20-30V(24V) / 40-60V(48V)		10-15V(12V) / 20-30V(24V) / 40-60V(48V)	
<b>No load Current</b>	0.8A(12V) 0.6A(24V) 0.3A(48V)		0.8A(12V) 0.6A(24V) 0.3A(48V)	
<b>Efficiency</b>	≥90%		≥90%	
<b>BATTERY INPUT PROTECTION</b>				
<b>Low Voltage Alarm</b>	11(12V) / 21V(24V) / 42V(48V)		11(12V) / 21V(24V) / 42V(48V)	
<b>Battery low voltage protection</b>	10V±0.5V(12V) / 20V±0.5V(24V) / 40V±0.5V(48V)		10V±0.5V(12V) / 20V±0.5V(24V) / 40V±0.5V(48V)	
<b>Battery high voltage protection</b>	15V±0.5V(12V) / 30V±0.5V(24V) / 60V±0.5V(48V)		15V±0.5V(12V) / 30V±0.5V(24V) / 60V±0.5V(48V)	
<b>Battery reverse polarity protection</b>	Yes		Yes	
<b>OTHER</b>				
<b>Other protection</b>	High temperature protection, Short-circuit Protection, Overload Protection		High temperature protection, Short-circuit Protection, Overload Protection	
<b>USB</b>	5V / 500mA		5V / 500mA	
<b>FAN</b>	Smart fan, Automatic startup of high temperature and load		Smart fan, Automatic startup of high temperature and load	
<b>Operating environment</b>	Temperature 0°C~40°C@100%load, Humidity 20%~90%RH, No refrigeration		Temperature 0°C~40°C@100%load, Humidity 20%~90%RH, No refrigeration	
<b>Size(mm)</b>	172*150*58		260*150*78	
<b>Weight(g)</b>	910		1700	
<b>Warranty</b>	1 Year			