

**BST series single phase Inverter 8KW~50KW**

**Features :**

- ◆ Rated power 8KW~50KW.
- ◆ DSP Intelligent control chipset.
- ◆ AC prior/Battery prior selectable.
- ◆ IGBT inverter with output isolation transformer.
- ◆ 3 times peak power, excellent loading capability.
- ◆ Adding fault code to monitor real-time work situations.
- ◆ Continuous stable pure sine wave output, suitable for all kinds of loads
- ◆ LCD display with multi-function, real-time display for dynamic values.
- ◆ Inbuilt automatic AC charger and AC mains switcher, stwitch time ≤ 4m
- ◆ UPS function.



**Specification**

Model		BST-802	BST-103	BST-153	BST-203	BST-253	BST-303	BST-403	BST-503	
Capacity	Rated power	8KW	10KW	15KW	20KW	25KW	30KW	40KW	50KW	
	Peak power	24KW	30KW	45KW	60KW	75KW	90KW	120KW	150KW	
Input	Standard battery voltage	96/192VDC		192/240VDC		240/384VDC		384VDC		
	AC input voltage range	85~138VAC(110VAC) / 170~275VAC(220VAC)								
	AC input frequency range	45Hz~65Hz(50Hz/60Hz automatic recognition)								
Output	Conversion efficiency	≥90%(Battery mode); >99%(AC mode)								
	Output voltage	110VAC±2% / 220VAC±2%(Battery mode); 110VAC±10% / 220VAC±10%(AC mode)								
	Output frequency	50/60Hz±1%(Battery mode); Tracking Automatically(AC mode)								
	Output waveform	Pure Sine Wave								
	THD	≤3%								
AC charger	AC charging current	Max 15A								
	AC charging method	Three-stage(constant current, constant voltage, floating charge)								
Other	Transfer time	≤4ms								
	Protection	with over-voltage, low-voltage, overload, short circuit, high temperature protections								
	Display	LCD								
	Cooling way	Cooling fan in intelligent control								
	Communication	RS232(Optional)								
Working mode(selectable)	Switch to AC(DC-AC)	AC priority mode								
	Switch to DC(DC-AC)	Battery priority mode								
Work environment	Operating temperature	-10℃~40℃								
	Storage temperature	-15℃~60℃								
	Elevation	2000m(More than derating)								
	Humidity	0%~95%, No condensation								
Physical	Dimention, L x W x H(mm)	485*300*646			600*300*800			720*435*1120		
	Net weight(kg)	62	66	108	113	119	140	160	180	
Packing	Dimention, L x W x H(mm)	490*300*130			665*365*830			790*505*1260		
	Gross weight(kg)	72	76	121	130	136	150	180	200	
	Quantity/CTN	1pcs per wooden case								

\* All specifications are subject to charge without prior notice.

**Remarks:**

Price: EXW Guangzhou, China. If total order's amount exceed \$20000, we will offer FOBGuangzhou.

Payment: 30% deposit, 70% should be paid before delivery.

Delivery time: sample order within 7 days, bulk order within 20 days.

Warranty: 2 years.

