

BT-Y wall-mounted inverter (all-in-one)



Schematic diagram of line link

Features

1. Pure sine wave AC output, mains complementary, automatic switching, mains charging
2. Intelligent CPU control technology, high-precision STM processing technology, excellent product performance
3. Mains mode/energy-saving mode/battery mode can be selected, flexible application
4. The charging type/battery/lithium battery charging mode can be selected, convenient and practical
5. The LCD displays the parameters of the device in real time, and the running status is clear at a glance
6. You can choose a separate inverter/PV inverter integrated machine
7. 360 intelligent cooling, mute and no dragons

Wide range of applications

Independent home, communication base station, island fishing boat, remote mountain area
As stable as the mains, anti-interference does not hurt electrical appliances



Technical parameter table

model:	1KW	2KW	3KW	4KW	5KW	6KW
rated power	1000W	2000W	3000W	4000W	5000W	6000W
battery	Rated voltage	DC12V/DC24V	DC24V/48V	DC48V/96V	DC48V/96V	
	Charging voltage	13.5V (±2%)	27.5V (±2%)	54V (±2%)	108V (±2%)	
enter	Mains input voltage range	165-260VAC				
	Mains input frequency	45-50Hz				
	Solar input voltage	12/24V (18-100VDC) 48V (60-180VDC)				
	Solar input current	20A-60A				
output	voltage range	220VAC; ±5% (inverter mode)				
	frequency	50Hz ±1% (inverter mode)				
	output waveform	sine wave				
	Conversion time	<10ms (typical load)				
	efficiency	>85% (80% resistive load)				
	overload	110-120%/30S; >160%/300ms				
	Protective function	Battery overvoltage and low voltage protection, overload protection, short circuit protection, over temperature protection, etc.				
Operating ambient temperature	0 — 40 degrees Celsius					
Storage ambient temperature	-15 — +50 degrees Celsius					
Operating/Storage Environment	0 — 90% no frosting					

