

## ■ Features :



- Modified sine wave output
- Peak power up to 1000W
- Protections: OVP/LVP/SCP/OLP/OTP
- Appliance: home appliances, electric tools, portable electric equipment, cars, boats
- Warranty: 1 year

## Specification

Mode		BEL500ST
Output	Rated power	500W
	AC voltage	230Vac
	Frequency	50Hz
	Continuous power	500W
	Wave form	Modified sine wave
Input	Battery voltage	12Vdc
	Voltage range	9.5~16Vdc
	DC current	47.35A
	No load current	≤0.4A
	Standby current	≤50uA
	Fan working mode	Temperature control mode: fan turn on when PCB temperature at $50 \pm 5^{\circ}\text{C}$ , turn off at $45 \pm 5^{\circ}\text{C}$
	Efficiency	92%
	Battery type	Lead Acid Battery
Battery input protection	Fuse	40A*1
	Battery low voltage alarm	9.5Vdc
	Battery low voltage protection	10V
	Battery high voltage protection	16Vdc
Output protection	Over temperature	Housing temperature $65^{\circ}\text{C}$
		LED in red, no output, automatic recovery after the temperature is down.
	Output short circuit	LED flashes in red and green, automatic recovery after the short circuit is canceled
	Over load	550W
		LED flashes in red and green, automatic recovery after reducing the load.
	USB	5V 2.1A
Environment	Working temperature	0~40°C
	Working humidity	20~90%RH
	Storage temperature/humidity	-20°C ~ 60°C, 10-95%RH

Physical Parameters	Weight	N.W. : 0.7Kg    G.W. : 0.82Kg
	Size	193*95*55mm (L*W*H)
	Package size	210*142*65mm(L*W*H)
Remark	All the diameters are measured under normal voltage, in working temperature 25°C	

Size/mm

