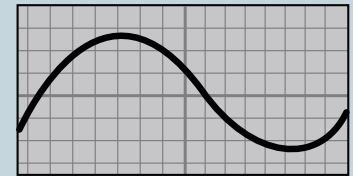




HT-B-S1000

### B (bi-power series)--Inverter with Charger: 1000W inverter with 10A charger

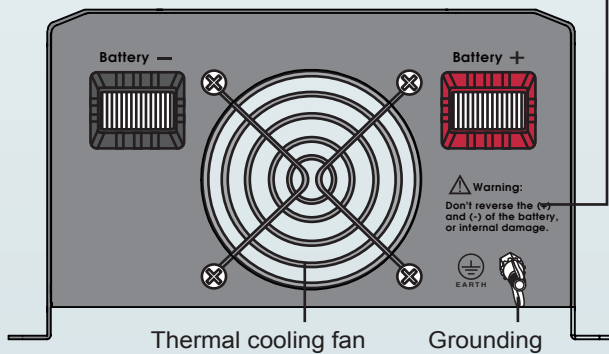
- (1) Pure sine wave inverter with multistage 10A battery charger.
- (2) Switch mode design.
- (3) With 2A/5V USB power port function.
- (4) Bi-housing fashion design --- with plastic and metal housing.
- (5) Internal heat sink.
- (6) 8cm thermal control fan to lower operation temperature.
- (7) LCD display.
- (8) Inverter re-start function.
- (9) Complete protection design
- (10) 20A PWM Solar charger controller function --- option.
- (11) Bypass function.
- (12) Compact size design.



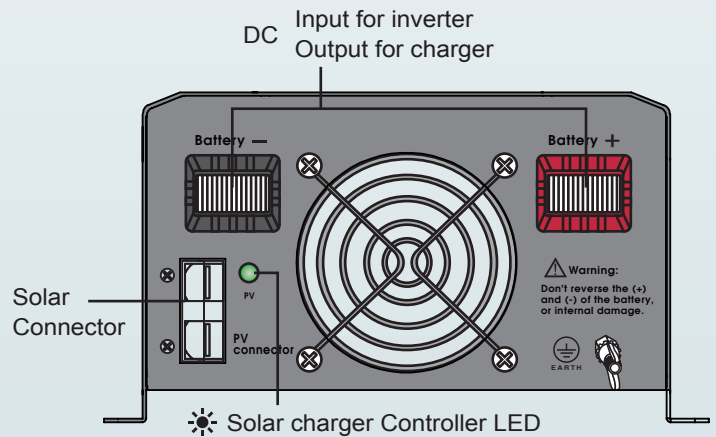
Pure sine wave

#### Rear view

Warning: Don't reverse the (+) and (-) of the battery, or internal damage.

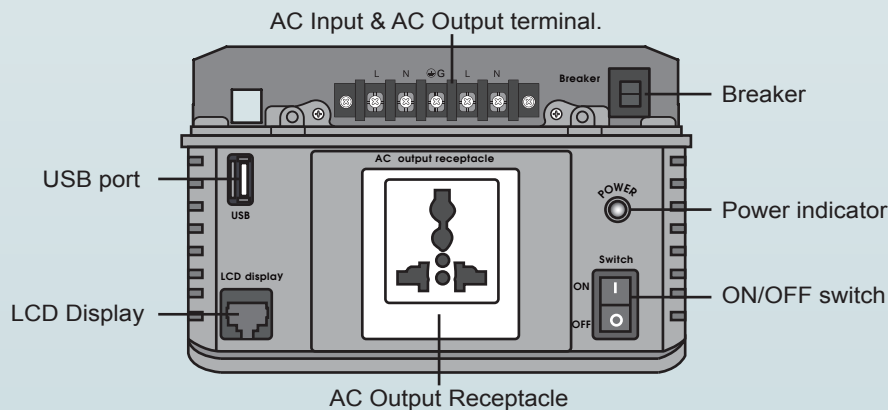


Standard (no solar charger controller)



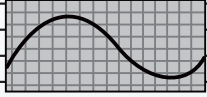
With solar charger controller

#### Front view





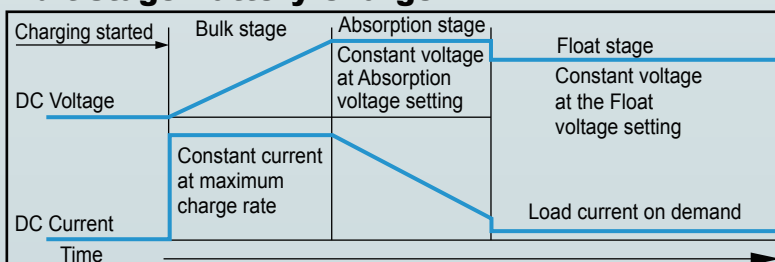
## SPECIFICATION

Model No.:		HT-B-S1000-12
<b>Inverter</b>		
DC input volt:	12V	
Volt range:	10-16VDC	
Surge power:	2000W	
Continuous power:	1000W	
Wave form:	Pure sine wave 	
THD:	<2%	
AC voltage:	100V / 120V / 230V	
Frequency:	50/60Hz±3%	
AC Regulation:	±8%(100V:±10%)	
DC no load current:	0.9A	
Bat. low alarm:	10.5±0.5V	
Bat. low shutdown:	10±0.5V	
Over voltage:	16±0.5V	
Bat . Polarity Reverse:	Fuse burn out	
Over load:	Re-start 1 time, shutdown if failed	
USB port:	5V / 2A	
Efficiency:	85%	
Bypass function:	Yes	
Low AC input volt transfer to inverter mode.:	90Vac+/-5% or 180Vac+/-5%	
Low AC input volt recovery to AC mode.:	95Vac+/-5% or 190Vac+/-5%	
Connector	Input AC terminal:	Yes, hard wiring.
	Output AC Terminal:	Yes, hard wiring.
	Output Receptacles:	Yes
<b>Charger</b>		
Output current:	10A	
AC input volt:	120V(90-135V) / 230V(180-265V)	
Charging type:	multistage	
Bulk stage:	14.5±0.5V, 10A	
Absorption stage:	14.5±0.5V, 10A-1A	
Float stage:	13.6±0.5V, min. 0.5A	
Frequency:	45-65Hz	
Recommended Battery Type:	Lead acid	
Recommended Battery Size:	40-160AH	
Efficiency:	80%	
<b>PROTECTION</b>		
Over load protection:	Yes	
Over temp protection:	Yes	
Inverter input reverse protection:	Fuse blow	
Charger output reverse protection:	Fuse blow	
Inverter output short circuit protection:	Shut-off	
Over temperature:	55°C ±5°C	
<b>ENVIRONMENT</b>		
Working temp.:	-15°C ~45°C	
Storage temp.:	-25°C ~70°C	
Working humidity:	20%~90% RH non-condensing	
Storage humidity:	-30°C ~70°C, 10~95% RH	
Temp. Coefficient:	±0.05%/°C(0~55°C)	
<b>OTHERS</b>		
Dimension(LxWxH)	520*215*130mm	
Net weight	6.7kgs	

### Optional

<b>EXTRA FUNCTION</b>	
Model no.	HT-B-S1000SC-12
Solar charger controller:	20A(PWM)
Net weight:	6.9kgs

### Multistage Battery Charger



socket type :

