



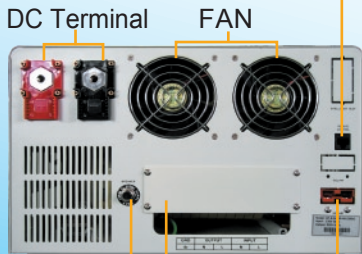
## HT-B-S8000-48



FAN



Remote control connector



Breaker

Solar panel connector

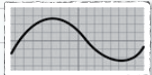
AC volt



GND	OUTPUT	INPUT
	N L	N L

1. Pure sine wave inverter built in battery charger.
2. LCD panel display.
3. AVR design function.
4. By pass function.
5. Support solar panel (solar charger controller) --- option.
6. Green power function --- option.
7. Generator starter function --- option.

### SPECIFICATION

Model No.	HT-B-S8000-48
<b>Inverter</b>	
DC input volt	48V
Volt range	40.0-61.0VDC
Surge power	16000W
Continuous power	8000W
Wave form	Pure Sine Wave 
AC voltage	100V / 120V / 230V
Frequency	50/60Hz±3%
AC Regulation	±5%
Bat. low alarm	42±2.0V
Bat. low shutdown	40±2.0V
Over voltage	61±2.0V
Bat .Polarity Reverse	Fuse burn out
Over load	shutdown
By pass function	Yes
Low AC input volt transfer to inverter mode	90Vac+/-3% or 180Vac +/-3%
Low AC input volt recovery to AC mode	80Vac+/-3% or 190Vac +/-3%
High AC input volt transfer to inverter mode	135Vac+/-3% or 270Vac +/-3%
High AC input volt recovery to AC mode	130Vac+/-3% or 260Vac +/-3%
<b>Charger</b>	
Output current	40A max.
AC input volt	120~270Vac.
Frequency	50/60Hz
Power factor	1.0
Recommended Battery Type	Lead acid
Recommended Battery Size	150-400AH
<b>PROTECTION</b>	
Over load protection	Yes, alarm twice per second
Low battery volt	Yes, alarm every second
Inverter failed	Yes, alarm continuously
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	-22°F~+158°F, 10~95% RH
Temp. Coefficient	±0.05%/°C(0~55°C)
<b>OTHERS</b>	
Dimension(LxWxH)	600*415*260mm
Net weight	53.6kgs
Whole package dimension & Weight	720*540*510mm / 67.7kgs
<b>Extra Function</b>	
Solar charger controller (50A) + Green power	Optional (Model no.: HT-B-S8000-48SG)
DC prior + Generator starter	Optional (Model no.: HT-B-S8000-48ALL)

