



# OMNIPOWER

THE POWER OF CHOICE

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## HT-B-S Series - Pure Sine Wave Inverter

### FEATURES:

- Pure sine wave inverter built in battery charger.
- LCD panel display.
- AVR design function.
- Bypass function.
- Support solar panel (solar charger controller) --- option.
- Green power function --- option.
- Generator starter function --- option.



	HT-B-S800-12	HT-B-S1600-24	HT-B-S2400-24	HT-B-S4000-24	HT-B-S6000-48	HT-B-S8000-48
<b>INVERTER</b>						
DC input volt	12V	24V	24V	24V	48V	48V
Volt range	10.3~16.0VDC	20.0~32.0VDC			40.6~61.0VDC	
Surge power	1600W	3200W	4800W	8000W	12000W	16000W
Continuous power	800W	1600W	2400W	4000W	6000W	8000W
Wave form	Pure sine wave					
AC voltage	100V / 120V / 230V					230V
Frequency	50 / 60 Hz ±3%					
AC regulation	±8% (100: ±10%)					±8%
No load current draw	4.3A	----	----	----	----	----
Bat. low alarm	10.7±0.5V	21.0±1V			42.0±2V	
Bat.low shutdown	10.3±0.5V	20.0±1V			40.0±2V	
Over voltage	16±0.5V	32.0±1V			61±2V	
Bat .Polarity Reverse	Fuse burn out					
Over load	Shutdown					
Bypass function	YES					
Low AC input volt transfer to inverter mode	60Vac ±3% or 180Vac ±3%	85Vac ±3% or 170Vac ±3%			170Vac ±3%	
Low AC input volt recovery to AC mode	65Vac ±3% or 190Vac ±3%	90Vac ±3% or 180Vac ±3%			180Vac ±3%	
High AC input volt transfer to inverter mode	135Vac ±3% or 270Vac ±3%	135Vac ±3% or 270Vac ±3%			270Vac ±3%	
High AC input volt recovery to AC mode	130Vac ±3% or 260Vac ±3%	130Vac ±3% or 260Vac ±3%			260Vac ±3%	
<b>CHARGER</b>						
Output current	20A max			40A max	40A max	40A max
AC input volt	60~135Vac or 120~270Vac					120~270Vac
Frequency	50/60Hz					
Power factor	0.8	0.7	0.7	0.8	1.0	1.0
Recommended Battery Type	Lead acid					
Recommended Battery Size	100 - 350Ah	150 - 400Ah	150 - 400Ah	150 - 400Ah	150 - 400Ah	150 - 400Ah
<b>PROTECTION</b>						
Over load protection	Yes, alarm twice per second					
Low battery volt	Yes, alarm every second					
Inverter failed	Yes, continuous alarm					
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	-30C ~ +70°C, 10 ~ 95% RH					
Temp. Coefficient	±0.05% °C (0 ~ 55°C)					
<b>GENERAL</b>						
Dimension(LxWxH)	400 x 298 x 150	450 x 298 x 190	450 x 298 x 190	600 x 415 x 260	600 x 415 x 260	600 x 415 x 260
Net weight	14.8kg	23kg	24.2kg	49.2kg	51.4kg	53.6kg
<b>EXTRA FUNCTIONS</b>						
Solar charger controller (50A) + Green power	Optional (Model HT-B-S800-12SG)	Optional (Model HT-B-S1600-24SG)	Optional (Model HT-B-S2400-24SG)	Optional (Model HT-B-S4000-24SG)	Optional (Model HT-B-S6000-48SG)	Optional (Model HT-B-S8000-48SG)
DC prior + Generator starter	----	Optional (Model HT-B-S1600-24ALL)	Optional (Model HT-B-S2400-24ALL)	Optional (Model HT-B-S4000-24ALL)	Optional (Model HT-B-S6000-48ALL)	Optional (Model HT-B-S8000-48ALL)