



OMNIPOWER

THE POWER OF CHOICE

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High Frequency Inverters



HT-B-M1000	
INVERTER	
DC input volt	12V
Volt range	10-16VDC
Surge power	2000W
Continuous power	1000W
Wave form	Modified Sine Wave
AC voltage	100V / 120V / 230V
Frequency	50/60Hz±3%
AC Regulation	±8%(100V:±10%)
No load current draw	0.6A
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
Bypass function	Yes
CHARGER	
Output current	10A
AC input volt	120V(90-135V) / 230V(180-265V)
Charging type	3-stage
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
PROTECTION	
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
ENVIRONMENT	
Working temp.	-15°C~45°C
Storage temp.	-25°C~70°C
Working humidity	20%~90%RH non-condensing
Storage temp., Humidity	-30°C~+70°C, 10~95% RH
Temp. coefficient	±0.05%°C (0~55°C)
GENERAL	
Dimension (LxWxH)	390x190x90 mm
Net weight	4.5 kgs

HT-B-S1000-12	
INVERTER	
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 draw	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
CHARGER	
Output current	10A
AC input volt	120V (90-135V) / 230V (180-265V)
Charging type	3-stage
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%
PROTECTION	
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
ENVIRONMENT	
Working temp.	-15°C~45°C
Storage temp.	-25°C~70°C
Working humidity	20%~90% RH non-condensing
Storage temp., Humidity	-30°C~+70°C, 10~95% RH
Temp. coefficient	±0.05%°C (0~55°C)
GENERAL	
Dimension (LxWxH)	555*215*123mm
Net weight	6.7kgs
OPTIONAL EXTRA FUNCTION	
Model no.	HT-B-S1000SC-12
Solar charger controller	10A(MPPT)
Net weight	6.9kgs

OMN-HT-SERIES-INV-15/13MarVer01