



## BEST series

## Heavy Duty Inverter – Pure Sine Wave



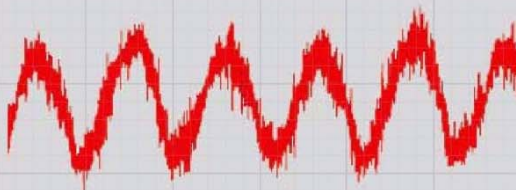
- Pure sine wave output inverter with transformer
- Microprocessor control guarantees high reliability
- 4-step progressive charging, 7 battery type selector
- Automatically transfer between battery and line mode
- Protections against: over load, over temperature, over charging, low battery
- Peak power is three times of rating power
- LED/LCD digital display show voltage, load and battery info in real time
- Compatible to mains voltage or generator power
- Ac bypass automatically, no need to open the inverters
- Ac start automatically, no need to connect battery



MODELS		BEST1000	BEST1500	BEST2000	BEST3000	BEST4000	BEST5000	BEST6000	BEST7000	BEST8000	
NOMINAL POWER		1000W	1500W	2000W	3000W	4000W	5000W	6000W	7000W	8000W	
AC INPUT	Nominal Voltage	110 / 120 / 130 VAC or 220 / 230 / 240 VAC									
	Low voltage Trip	85 VAC or 184 VAC									
	Low voltage return	95 VAC or 194 VAC									
	High voltage Trip	140 VAC or 263 VAC									
	High voltage return	135 VAC or 253 VAC									
	Max Input Voltage	150 VAC or 270 VAC									
	Nominal Frequency	50Hz or 60Hz (Auto detect)									
	Low Freq. Trip	40Hz for 50Hz , 50Hz for 60Hz									
	High Freq. Trip	55Hz for 50Hz , 65Hz for 60Hz									
OUTPUT	Waveform	Single Phase / Pure Sine Wave (bypass mode Sync to input)									
	Voltage	110 / 120 / 130 VAC or 220 / 230 / 240 VAC (bypass mode Sync to input)									
	Frequency	50Hz or 60Hz (bypass mode Sync to input)									
	Peak Power	3 times of rating power									
	Short circuit protection	Yes, shutdown after 10ms									
	Power factor	0.9 ~ 1									
DC INPUT	Battery Voltage	12VDC / 24VDC / 48VDC									
	Min Start Voltage	10VDC / 20VDC / 40VDC									
	Low Battery Alarm	10.5VDC / 21VDC / 42VDC									
	Low DC Shutdown	10VDC / 20VDC / 40VDC									
	High DC Alarm	16VDC / 32VDC / 64VDC									
	Max Charger Current	35	50	70	90	70	70	70	35	35	
SYSTEM PARAMETER	Efficiency	90% Battery Mode / 96% Line Mode									
	Power Saver	Enabled on Load <25W									
	Audible Alarm	Internal Temperature Over 100°C – Shutdown after 30s									
	Over Load Protection	110%<Load<150% beeps every 1s, Fault after 60s Load>150% beeps every 1s, Fault after 20s									
	Protections	Low Battery / Over Charging / Over temperature / Overload									
	Operating Environment	0~40 °C, 0~90% RH (non-condensing)									
	Audible Noise	< 55dB									
	Weight (Kg)	16	18	20	25.5	36	39.5	48	53.5	59	
	Dimensions LxWxH	460 x 220 x 190 mm				650 x 220 x 190 mm			650 x 240 x 190 mm		

\* Product specifications are subject to change without further notice

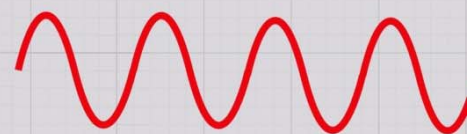
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**DISTURBED LINEE**



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