

Pure Sine Wave Hybrid charger Inverter













Features:

- Off Grid Hybrid Inverter/Charger
- Charge from Grid, Generator or Solar
- Built in MPPT Solar Charge Controller(s
- Easy to Read LCD Display
- 5 Stage Adjustable AC Charger
- AC/DC Priority Modes
- Generator Autostart
- Strong surge ability (3x Output)
- Overload and Short Protection

MODEL	G\$4000	GS6000	GS8000	GS12000
POWER RATING	4000W	6000W	8000W	12000W

AC Output	Sinusaidal (ultility or nonorator)						
AG DULPUL	Input Voltage Waveform Nominal Input Voltage	100446	Sinusoidal (ultility or generator)				
	Low Line Disconnect	120VAC 85VAC± 4% (Normal)	184VAC	240VAC 184VAC±4% (Normal) or 135VAC±4% (Wide)			
	Low Line Re-Connect	80VAC ±4% (Wide) 95VAC±4% (Normal) 85VAC ± 4% (Wide)	194VAC±4% (Normal) or 145VAC±4% (Wide)				
	High Line Disconnect	136VAC±4% (Normal) 145VAC±4% (Wide)	263VAC±4% (Normal) or 263VAC±4% (Wide)				
	Max AC Input Voltage	150VAC	270VAC				
	Frequency	60Hz: 51-64Hz					
	1 Minute Motor Start	6000W @ 120V	9000W @ 240V	12,000W @ 240V	18,000W @ 240V		
AC Charger	Nominal Charge Current	42A	50A	A08	90A		
	Over Charge Protection	Bat. V \geq 31.0, or 61.0VDC for 24, or 48V Battery; Fault w/ Alarm					
Solar Charger	Rated Charge Current	60	120A				
	Pv Input Voltage Range	30-75VDC	60-145VDC				
	Max PV Open Curcuit Voltage	80VDC		155VDC			
	Charger Mode	MPPT	МРРТ	МРРТ	MPPT		
	PV Low Voltage Re-Connect	PV ≥ Bat. V + 3V					
	PV Low Voltage Disconnect	PV ≤ Bat. V					
	Efficiency	≥ 97%					
Efficiency	Battery Mode	> 87%					
	Line Mode	> 98%					
Battery Voltage	Nominal DC Input Voltage	24VDC	48VDC				
	Low Battery Alarm	21VDC±0.6	42VDC±1.2				
	Low DC Input Shut-Down	20VDC±0.6	40VDC±1.2				
	High DC Imput Alarm & Fault	32VDC±0.6	64VDC±1.2				
Transfer Time	AC to DC	20ms (max)					
0	DC to AC	15ms (max)					
System	Over-Load Protection	110% < Load < 150%; Alarm, Fault after 60s. If Load > 150% Alarm, Fault after 20s					
s) Parameter	Output Short Circuit Protection Surge Rating (10s)	Current Limit (Fault After 10s) 1:3(VA)					
	Protections	Low Battery, Over Charging, Over Load, Over Temp					
	Indicators	LED + LCD Display					
General	Operating Temperature Range	0°C to 40°C (32°F to 104°F)					
	Storage Temperature	-15°C to 60°C (5°F to 140°F)					
Specifications	Operation Humidity	5% to 95% (Non-Condensing)					
	Audible Noise	60dB Max					
	Cooling	Forced Air, Variable Speed Fan					
	Dimensions (LxWxH)	20.4 x 17	<u> </u>	24.7 x 17.7 x 8in			
	Net Weight	67.3lbs (30.52kg)	84.9lbs (38.5kg)	108.1lbs (49.03kg)	138.9lbs (63.0kg)		
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[◆] Product specifications are subject to change without further notice.