

Main Features:

Micro Processor Control

Smart multifunctional LCD panel

Full automatic and silent operation

Automatic Line-to-Battery Switch over

Three stage Intelligent Automatic Charging Mode Technology

Remote control solution by RJ11 and remote panel

Automatic charge while AC recovery (off model charging)

High Efficient DC-to-AC conversion. Minimizing energy loss

Overload, short circuit protection. Over charge, discharge protection

Low battery and high protection

Cold start

Isolated output

Compatibility with generators

Full Multi-function LCD Display with full meanings and buzzer alarms Design

Application for Fan, light, TV and office Appliances

Intelligent Variable speed fan operation

Battery type setup to get the best charge voltage and mode

Sine Wave Inverter/Charger System

The Desirable Long Backup Power Solution For Home And Office Appliances

Solar charger optional

Technical Specification:

Model	GF 1012	GF2024	GF3024	GF4048	GF5048	GF6048
Capacity	1kVA/1kW	2kVA/2kW	3kVA/3kW	4kVA/4kW	5kVA/5kW	6kVA/6kW
	AC Input					
	Nominal Voltage	220V or 110V				
	Voltage Range	180-260Vac(+/-4%) or 90-145Vac(+/-4%)				
	Frequency	50/60Hz(auto sensing)				
Solar Controller		Optional				
Output	Voltage	220Vac or 110Vac+/-10%				
	Frequency	50/60Hz+/-1hz				
	Transfer Time	10ms(typical)				
	Wave form	Pure sine wave				

Battery	voltage	12vdc	12/24Vdc		24/48Vdc		
	Floating Charge Voltage(DC)	13.7Vdc+/-1%		13.7/27.5+/-1%		27.5/54.8Vdc+/-1%	
	Alarm Voltage	10.5Vdc		10.5/21Vdc		21/42.0Vdc	
	Shutdown Voltage	10.0Vdc	10.0/20.0Vdc		20/40.0Vdc		
	Over Charge Protection	15.0Vdc		15.0/30.0Vdc		30.0/60.0Vdc	
	Max. Charge Current	30A	60/30A		50/30A		
Protection	Full Protection	Overload and Short Circuit and Over temperature					
	Safety Level	Compliance with U1458/CE(EN60950)					
	EMI Classification	FCC,CLASSA/EN50091-2,CLASSA					
	Audible Noise	60db (1M,Max)					
Alarm	Low Battery	Beep 0.5s every 5s					
	Overload	Beep 0.5s every 5s					
	Over temperature	Beep 0.5s every 5s					
	Fault	Beep continuously					
Physical	Dimension (D*W*H)	390x222x178mm		500x258x190mm		574x345x197	
	N.W	12	15	25	34	38	41
	KG						