

### Key Features:

- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self-test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / over discharge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- Optional RS232 / USB communication port and RJ11 / RJ45 protection
- Unattended safety shutdown: system alarm and auto Power-On / Off by RS232 or USB interface communicating with PC



MODEL		GX-850-C
Capacity		800 VA
		480 W
<b>INPUT</b>		
Voltage	100 / 110 / 120 V: 80 ~ 150 Vac; 220 / 230 / 240 V: 162 ~ 295 Vac (145 ~ 295 Vac optional)	
Frequency	50 / 60 Hz ± 10% (auto-sensing)	
<b>OUTPUT</b>		
Voltage	100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%	
Frequency	50 / 60 Hz ± 1% (auto-sensing)	
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave	
Transfer time	Typical 8 ms, 10 ms max.	
<b>BATTERIES</b>		
DC voltage	12 V	
Configuration	12 V / 8.0 Ah × 1	
Recharge time	6 ~ 8 h	
<b>OTHERS</b>		
Protections	Short circuit - battery overcharge – overdischarge – overload - surge	
Communications	USB / RS232 (optional)	
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)	
Noise level	≤ 45 dB (1 m)	
Plastic case	Net / Gross weight (kg)	5.2 / 5.5
	Dimensions	(W × D × H) (mm) 1 100 × 290 × 140
	Packaged dimensions	(W × D × H) (mm) 139 × 335 × 210