

## Solar Inverter (GX-SCI02-Alpha Series)

The GX-SCI02 Alpha series all in one solar system is the perfect go-to solution for off-grid, backup power for homes, small business, and it also delivers a value added, easy to install system that provides efficient power globally for every need.

### Key Features:

- ◆ Pure sine wave inverter
- ◆ Configurable input voltage range for home appliances and personal compture via LCD setting
- ◆ Configurable battery charging current based on applications via LCD setting
- ◆ Configurable AC/Solar charge priority via LCD settting
- ◆ Compatible to mains voltage or generator power
- ◆ Auto restart while AC is recovering
- ◆ Overload/Over temperature/short circuit protection
- ◆ Smart battery charge design for optimized battery performance
- ◆ Optional WIFI Module
- ◆ Can connect to lithium/LiFePO4 battery



<b>Model</b>	<b>GX-SCI02-Alpha-3200</b>
<b>RATED POWER</b>	3200VA/3000W
<b>INPUT</b>	
<b>Voltage</b>	230 VAC
<b>Selectable Voltage Range</b>	170-280 VAC (For Personal Computers)
	90-280 VAC (For Home Appliances)
<b>Frequency Range</b>	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
<b>AC Voltage Regulation (Batt. Mode)</b>	230VAC $\pm$ 5%
<b>Surge Power</b>	6000VA
<b>Efficiency (Peak) PV to INV.</b>	97%
<b>Efficiency (Peak) Battery to INV.</b>	94%
<b>Transfer Time</b>	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
<b>Waveform</b>	Pure sine wave
<b>BATTERY &amp; AC CHARGER</b>	
<b>Battery Voltage</b>	24 VDC
<b>Floating Charge Voltage</b>	27 VDC
<b>Overcharge Protection</b>	33 VDC
<b>SOLAR CHARGE</b>	
<b>Maximum PV Array Power</b>	3000W
<b>MPPT Range @ Operating Voltage</b>	90 ~ 430 VDC
<b>Maximum PV Array Open Circuit Voltage</b>	450VDC
<b>Maximum Charging Current</b>	80A
<b>Maximum Efficiency</b>	98%
<b>PHYSICAL</b>	
<b>Dimension, D x W x H (mm)</b>	348 x 270 x 95
<b>Net Weight (kgs)</b>	5.4
<b>Communication interface</b>	WIFI
<b>OPERATING ENVIRONMENT</b>	
<b>Humidity</b>	5% to 95% Relative Humidity(Non-condensing)
<b>Operating Temperature</b>	0°C - 55°C
<b>Storage Temperature</b>	-15°C - 60°C

CONTACT US



SCAN ME