

GX Solar Inverter (GX-SCI02-EX-Pro Series)

The GX-SCI2 Pro series all in one solar system is the perfect go-to solution for off-grid, backup power for homes, small businesses, 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(on/off Grid)
- ◆ Self-consumption and feed-in to the grid
- ◆ Inverter running without battery
- ◆ One-click restoration to factory Settings
- ◆ Built-in Lithium battery automatic activation
- ◆ Built-in 160A(for 7.2KW/8.2KW)/180A(for 10.2KW)MPPT solar charger
- ◆ High PV input voltage range (90~500VDC)
- ◆ Built-in anti-dust kit for harsh environment
- ◆ Communicate with WIFI for IOS and Android
- ◆ Dual PV Input and output
- ◆ Touch button



Model	GX-SCI02-EX-Pro-10200
Maximum PV Input Power	10200W
Rated Output Power	10200W
Maximum Solar Charging Current	180A
GRID-TIE OPERATION	
PV Input(DC)	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
Maximum DC Voltage	500VDC
MPPT Voltage Range	90V-450VDC
Number of MPPT Trackers/Maximum Input Current	1/27A
Grid Output(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195-253VAC
Nominal Output Current	44.3A
Efficiency (Peak) Battery to Inverter	94%
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
Two Load Output Power	
Full Load	10200W
Maximum Main Load	10200W
Maximum Second Load(battery mode)	3400W
Main Load Cut Off Voltage	44VDC
Main Load Return Voltage	48VDC
OFF-GRID OPERATION	
AC Input	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VAC or 170-280VAC
Maximum AC Input Current	50A
Nominal Operating Frequency	50/60Hz
Surge Power	20400W
Battery Mode Output	
Nominal Output Voltage	48VDC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	94%
Battery & Charger	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	180A
Maximum AC Charging Current	160A
PHYSICAL	
Dimension, D x W x H (mm)	537*390*130mm
Net Weight (kgs)	14.5
Communication interface	WIFI

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