Go Green
Solar Power Solutions

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Our Vision:

To transform our advanced technology into added value for our customers.
Our comprehensive off grid solutions ensure that we lead the renewable energy movement for a cleaner, greener environment in the MENA regions.

Our Mission:

To support residential, commercial and industrial and reduced energy costs and emissions in remote areas.

ABOUT US

Go Green Solar Power Solutions factory is headquartered in China, with overseas warehouses in Dubai and Saudi Arabia under the management of Joyway Electricals Trading L.L.C.
We specialize in the production of Lithium batteries, utilizing advanced technology to manufacture and assemble products for the Middle East and Africa. Our company also offers OEM services to other businesses.
With a large inventory and efficient logistics, we ensure timely delivery of high-quality products to various sectors, including government, hospitality, construction, and more.
GO GREEN – Solar Power Solutions provides off-grid solar energy solutions for remote areas, offering self-sufficient and ecological power sources for both domestic and commercial applications.

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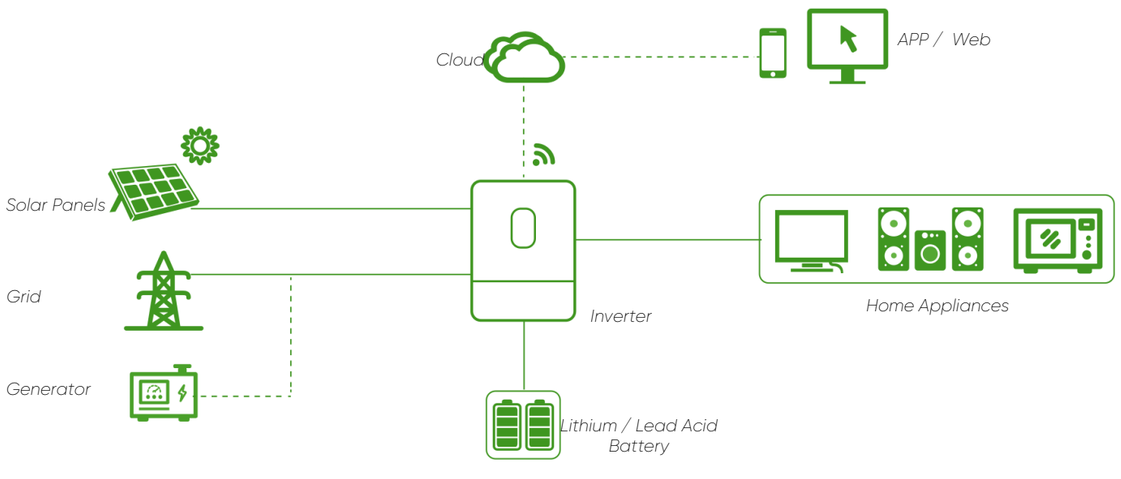
GGIV 2500

Single Phase Hybrid Inverter

- Pure Sine Wave
- Detachable Dust Cover
- Lithium Battery Activation
- Wide MPPT Range 20-100V
- LCD Display
- BMS Support Lithium/Lead-acid Battery



SPECIFICATION

Model	GGIV 2500
AC Input	
Rated Input Voltage (VAC)	208 / 220 / 230 / 240; L + N + PE
Voltage Range (VAC)	90~280±3 (normal mode); 170~280±3 (UPS mode)
Frequency (Hz)	50 / 60 (Auto Adaptive)
AC Output	
Rated Capacity (kVA)	2.0
Peak Power (kVA)	2.4
Voltage (VAC)	208 / 220 / 230 / 240
Power Factor (PF)	1
Frequency	50/60Hz±0.1%
Switch Time (ms)	10 (normal mode) / 10 (UPS mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%~110% load; 10s@110%~130% load; 3s@130%~150% load; 0.2s@>150% load
Max. Efficiency (Battery Mode)	90%@12VDC
Parallel Quantity	NA
Charger (PV / AC)	
Solar Charger Type	MPPT
Max PV Input Current / Input Power	14A / 1000W
MPPT Range@Operating Voltage (VDC)	20~100
Max PV Open Circuit Voltage (VDC)	125
Max PV Charge Current (A)	60
Max AC Charge Current (A)	40
Max. Charge Current (PV + AC) (A)	100
Battery	
Rated Voltage (VDC)	12
Floating Charge Voltage (VDC)	13.8
Overcharge Protection (VDC)	15
Battery Type	Lithium and Lead-acid
Interface	
HMI	LCD
Interface	RS485 / USB
Monitoring	NA
General Data	
Ingress Protection	IP20
Operating Temperature	-10 ℃~ 50 ℃
Relative Humidity	5% ~ 95% (Non-condensing)
Storage Temperature	-15 ℃~ 60 ℃
Net Weight (kg)	3.6
Dimensions (W*H*D)	330*226*92mm (without bracket)
Max. Operating Altitude	4000m (Derating above 1000m)