






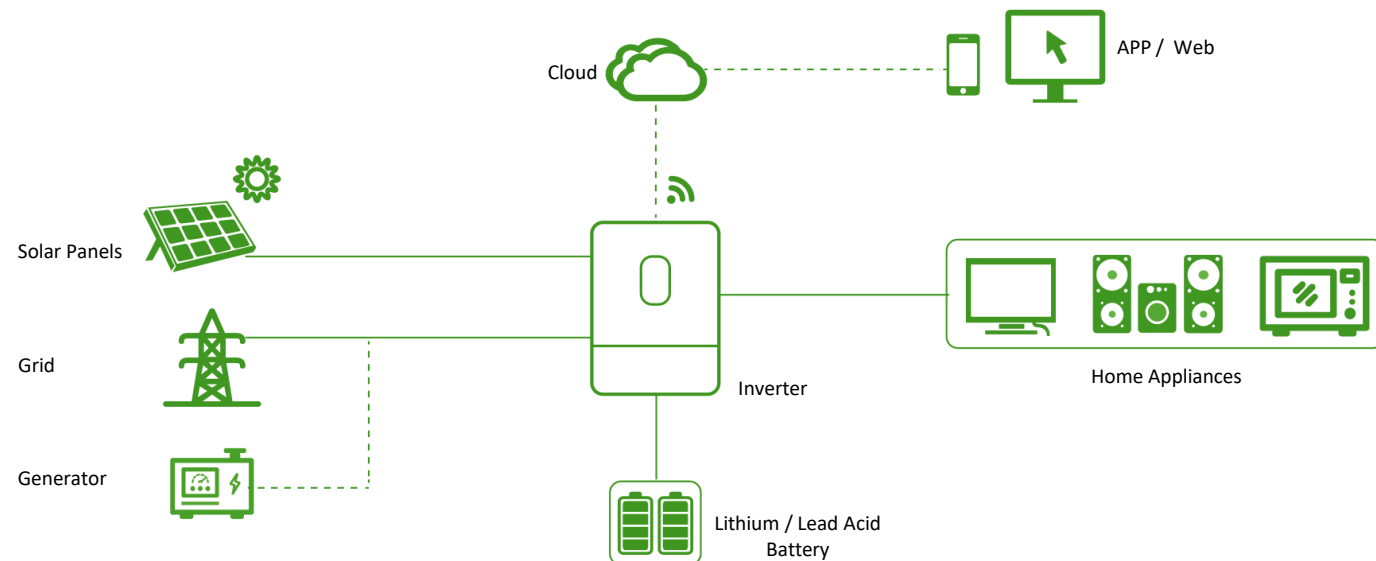


GGIV 8000

Single Phase Hybrid Inverter



-  Feed in Grid
-  Pure Sine Wave
-  Detachable Dust Cover
-  Lithium Battery Activation
-  Workable with Generator
-  Wide MPPT Range 60-500V
-  WiFi Monitoring
- BMS** Support Lithium/Lead-acid Battery



| Model | GGIV 8000 |
|------------------------------------|--|
| 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 (kW) | 8.0 |
| Surge Power (kVA) | 12 |
| 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) | 10min@102%~120%Load, 1min@120%~150%Load 10S@150%~200%Load, 5s@>200%Load |
| Max. Efficiency (Battery Mode) | 93%@48VDC |
| Parallel Quantity | NA |
| Charger (PV / AC) | |
| Solar Charger Type | MPPT |
| Max PV Input Current / Input Power | 28A / 9000W |
| MPPT Range@Operating Voltage (VDC) | 60~450 |
| Max PV Open Circuit Voltage (VDC) | 500 |
| Max PV Charge Current (A) | 120 |
| Max AC Charge Current (A) | 120 |
| Max. Charge Current (PV + AC) (A) | 120 |
| Battery | |
| Rated Voltage (VDC) | 48 |
| Floating Charge Voltage (VDC) | 54 |
| Overcharge Protection (VDC) | 61 |
| Battery Type | Lithium and Lead-acid |
| Interface | |
| HMI | LCD |
| Interface | RS485 / USB / Dry Contact / CT / Meter / |
| Monitoring | WiFi (Optional) |
| General Data | |
| Ingress Protection | IP21 |
| Operating Temperature | -10 °C~50 °C |
| Relative Humidity | 5% ~ 95% (Non-condensing) |
| Storage Temperature | -15 °C~60 °C |
| Net Weight (kg) | 10 |
| Dimensions(W*H*D) | 508*338*136.5mm |
| Max. Operating Altitude | 4000m (Derating above 1000m) |