



# GGIV 6500 - PRO MPPT INVERTER

Single Phase



**LIFEPO4 BATTERY  
ACTIVATION**



**EAST SETUP  
INSTALLATION**



**6.5KW RATED  
AC OUTPUT**



**PURE  
SINE WAVE**



**WIFI BUILT IN  
ONBOARD**

| PRODUCT MODEL                      |  | GGIV 6500 - PRO                           |
|------------------------------------|--|-------------------------------------------|
| <b>AC Input</b>                    |  |                                           |
| 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)                      |
| <b>AC Output</b>                   |  |                                           |
| Rated Capacity (kW)                |  | 6.5                                       |
| 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)   |  | 10S@>150%Load                             |
| Max. Efficiency (Battery Mode)     |  | 94%@48VDC                                 |
| Parallel Quantity                  |  | NA                                        |
| <b>Charger (PV / AC)</b>           |  |                                           |
| Solar Charger Type                 |  | MPPT                                      |
| Max PV Input Current /Input Power  |  | 27A/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                                       |
| <b>Battery</b>                     |  |                                           |
| Rated Voltage (VDC)                |  | 48                                        |
| Floating Charge Voltage (VDC)      |  | 54                                        |
| Overcharge Protection (VDC)        |  | 61                                        |
| Battery Type                       |  | Lithium and Lead-acid                     |
| <b>Interface</b>                   |  |                                           |
| HMI                                |  | LCD (RGB optional)                        |
| Interface                          |  | RS232 /RS485 /USB /Dry Contact            |
| Monitoring                         |  | Built in WIFI                             |
| <b>General Data</b>                |  |                                           |
| 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)                 |  | 410*336*110mm                             |
| Max.Operating Altitude             |  | 4000m (Derating above 1000m)              |