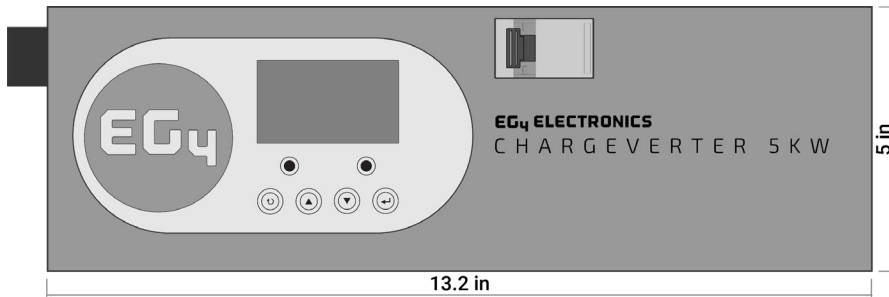


## CHARGEVERTER - GC 5 KW AC CHARGER



The EG4 Chargeverter-GC is a powerful 48V battery charger capable of rapidly charging at 100 amps, or more than 5000 watts, significantly faster than traditional chargers.

**48V/100A  
BATTERY CHARGER**

**RS485  
COMMUNICATION  
PORT**

**AUTO GENERATOR  
START**

### 120VAC/208VAC/240VAC INPUT CAPABILITY

Optimized for 240VAC power supplies for maximum output. 120VAC or 208VAC input can be used with an optional adapter plug.

### RS485 COMMUNICATIONS PORT

An RS485 port on the side of the Chargeverter-GC allows the user to establish closed-loop communication between the charger and battery. This facilitates the exchange of SOC information for user-defined charging thresholds. Without closed-loop communication (SOC information), the charger uses battery voltage for user-defined charging thresholds.

### BUILT-IN BREAKER

The unit has a built-in breaker to quickly shut off the charger output for added safety and protection.

### OPTIMIZED FOR GENERATOR USE

Plug the Chargeverter-GC directly into a generator to charge batteries without concern for generator power quality issues, commonly referred to as “dirty power.” Connect the automatic generator start circuit to the Chargeverter-GC dry contacts to allow the generator to charge the battery bank at preset start/stop voltages or SOC thresholds.

SCAN FOR UPDATED  
DOCUMENTS



SPECIFICATION SHEET

| CHARGER OUTPUT SPECIFICATIONS |                                              |
|-------------------------------|----------------------------------------------|
| Battery Voltage               | 48VDC nominal                                |
| Charge Current (adjustable)   | 0-100A @240VAC, 0-45A @120VAC, 0-50A @208VAC |
| Charge Voltage (adjustable)   | 43-57VDC (default 54VDC)                     |
| Max. Output                   | 5120W @240VAC, 3050W @120VAC                 |
| Max. Efficiency               | 94% @240VAC, 92% @120VAC                     |
| AC INPUT SPECIFICATIONS       |                                              |
| AC Input Voltage Range        | 90-264VAC                                    |
| AC Frequency                  | 50-60Hz                                      |
| Max. Input Current            | 26A @240VAC, 28A @120VAC                     |
| Idle Consumption              | ~10W                                         |
| ENVIRONMENTAL SPECIFICATIONS  |                                              |
| Operating Temperature Range   | 14°F – 131°F (-10°C – 55°C)                  |
| Storage Temperature Range     | 5°F – 140°F (-15°C – 60°C)                   |
| Humidity                      | 5% to 95% relative humidity (non-condensing) |
| Ingress Protection            | IP21                                         |
| Operating Altitude            | 0~4921 ft. (0~1500m)                         |
| DRY CONTACT SPECIFICATIONS    |                                              |
| Interface Connector           | NO, NC, and C (RJ11 Jack)                    |
| GENERAL SPECIFICATIONS        |                                              |
| Communication Port            | RS485 (RJ45 Jack)                            |
| Dimensions H x W x D          | 5" x 13.2" x 4.9" (127mm x 335mm x 124mm)    |
| Net Weight                    | 13 lbs. (5.9 kg)                             |
| Warranty                      | 3 years (only when used indoors)             |