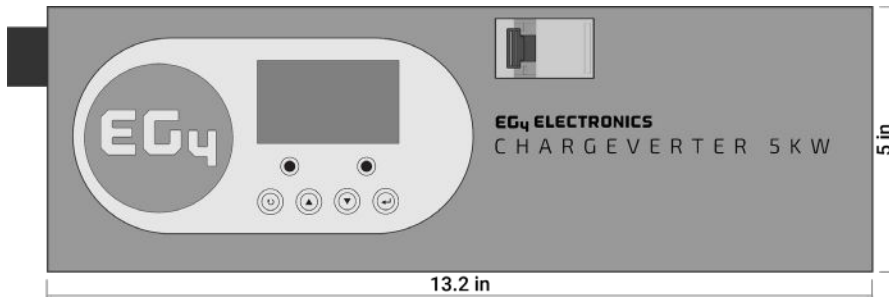


## CHARGEVERTER - GC 5 KW AC CHARGER



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)
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### 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)