

## 3-IN-1 INVERTER, CHARGER AND AUTOMATIC TRANSFER SWITCH (3000-watt inverter)



GP-IC-3000-12

### FEATURES:

- 3000W pure sine wave inverter; 6000W surge (100 milliseconds)
- High inverter efficiency - >90%
- 125A battery converter/charger, power factor corrected (programmable)
- Power Share feature helps with heavy power draws (single leg)
- Automatic transfer switch, 2 legs at 50A each (240VAC split-phase)
- Built-in handles offers easier handling during installation
- Industry standard protection features
- Meets UL 458 with marine supplement
- 3 year warranty

### INVERTER SPECIFICATIONS

Output Power (up to 40°C)	3000W
Surge Power (100 milliseconds)	6000W
Surge Power (5 seconds)	4800W
Peak Output Current	52A
Continuous Output Current	25A
Output Voltage	115 VAC
Output Frequency	60 Hz $\pm$ 0.1Hz
Output Waveform	Pure Sine Wave
Efficiency (Peak)	90%
DC Input Voltage Range	9 - 17 VDC
Maximum Continuous DC Input Current	400 ADC
No Load Power Consumption	Normal Mode: 25W, Sleep Mode: <5W
AC Connections	Split Phase In/Dual Out, Dual In/ Dual Out

### TRANSFER RELAY SPECIFICATIONS

Transfer Time	16ms
Transfer Relay Rating	2 legs at 50A each (240V split-phase)

Specifications subject to change without notice.

### GP-IC-3000 12VOLT (DC INPUT)

The Go Power! 3000-watt Inverter Charger 3000 delivers top features and performance at an economical price. It is a 3-in-1 system that expertly combines an inverter, battery charger and automatic transfer switch into one powerful and lightweight unit. The GP-IC-3000 has a compact footprint that saves space and simplifies installation - there are fewer components and cables to install!

The two 50 amp legs set its performance apart from common 50 amp inverter chargers. The configuration allows users to make full use of a 100 amp shore power service (240V) by passing through up to 12,000 watts of power! It is also compatible with all 30 amp services.

The inverter charger also includes a battery temperature sensor helping extend battery life.



### CHARGER SPECIFICATIONS

Input Voltage Nominal	120 VAC
Input Voltage Range	80 - 140VAC
Input Current	15A
Input Power Factor Correction	0.97 typical
Optimal Efficiency	> 85%
Charge Control	3 stage with manual equalize
Output Voltage	5 - 16VDC
Output Current	125 ADC
Change Temperature Compensation	Remote Battery Sensor






### ADDITIONAL SPECIFICATIONS

Temperature	-20°C to 60°C (Over 40°C output derates)
Humidity	0 to 95% RH non condensing
Dimensions (L x W x H)	13.7" x 12.6" x 8.07" (14.9" with terminals) 349 x 321 x 205 mm (378 mm with terminals)
Net Weight	38.71 lbs (17.6 kg)
Regulatory and Safety Specifications	UL certified to 458 & 1741 (with Marine Supplement) and to CSA 22.2 No. 107.1-01 FCC Path 15, Class B

## HOW TO DETERMINE WHAT SIZE OF INVERTER TO USE

Your inverter charger is rated in watts. Most of your electrical appliances also have a wattage rating. This value helps you select the right size of inverter. The chosen model of inverter should meet the largest load you wish to run.

The chart below estimates the wattage required to run a single appliance. To run multiple appliances simultaneously, choose an inverter that matches the wattage of the combined items.

																
150 - 300 W					400 - 1000 W					1100 - 3000 W						
GP-SW150	✓	✓	✓													
GP-SW300			✓	✓	✓											
GP-ISW700					✓	✓	✓	✓								
GP-ISW1000						✓	✓	✓	✓	✓						
GP-ISW1500											✓	✓				
GP-ISW2000											✓	✓				
GP-IC-3000	(can surge to 6000 watts)											✓	✓			
GP-ISW3000											✓	✓				

\*B/C = Battery Charging

Review individual product specs for actual wattage requirements

i = Ideal for high voltage alternators

## PROTECT yourself and your equipment.

### FUSE AND CABLE KITS

Go Power! DC installation kits include everything you need to properly connect your Go Power! inverter to the batteries safely. The kit includes 10' large gauge battery cables, tie downs, lugs, and the appropriate inverter fuse (class T fuse) and mounting block.

12 VOLT	Inverter Size
GP-DC-KIT 4	2000-2500 W
GP-DC-KIT 5	2600-3000 W

## Monitor and Control your inverter charger.

### INVERTER REMOTE

The remote features a digital display and menu that offers simple operation, while providing detailed operational data about your inverter charger.



Model # GP-ICR-50

- Easy-to-read, 4 line digital display panel
- Change settings and modes of operation
- View real-time status of battery charging activity, inverter AC input and inverter status
- Monitor inverter/charger health and temperature
- 50 ft cable included
- 3 year warranty