



IC Series™



3-IN-1 Inverter, charger and automatic transfer switch (2000 watt inverter)



Model # GP-IC-2000-12

- 2000W pure sine wave inverter; 4000W surge (100 milliseconds)
- High inverter efficiency - 90%
- 100A battery converter/charger, power factor corrected
- 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

GP-IC-2000 - 12 VOLT (DC INPUT)

The Go Power! 2000 watt Inverter Charger 2000 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-2000 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.



INVERTER SPECIFICATIONS

Output Power (up to 40°C)	2000W
Surge Power (100 milliseconds)	4000W
Surge Power (5 seconds)	3400W
Peak Output Current	35A
Continuous Output Current	17A
Output Voltage	115 VAC
Output Frequency	60 Hz ±0.1Hz
Output Waveform	Pure Sine Wave
Efficiency (Peak)	90%
DC Input Voltage Range	9 - 17 VDC
Maximum Continuous DC Input Current	283 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)

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	100 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

Specifications subject to change without notice.



IC Series™

→ THE POWER OF AN INVERTER

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 - 300W				400-1000W				1100 - 3000W			
GP-SW150	✓	✓	✓									
GP-SW300			✓	✓	✓							
GP-SW600					✓	✓	✓	✓				
GP-SW1000					✓	✓	✓	✓	✓			
GP-HS1500	(can surge to 4000 watts)								✓	✓		
GP-SW1500									✓	✓		i
GP-SW2000									✓	✓		i
GP-IC-2000	(can surge to 3400 watts)								✓	✓		i
GP-SW3000										✓	✓	i

*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! Fuse and cable kits include everything you need to safely connect the Go Power! Inverter Charger to your batteries. The Installation 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	2000-2500W
GP-DC-KIT 5	2600-3000W

→ MONITOR and CONTROL your inverter charger.



Inverter Charger Remote Model # GP-ICR-50

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

- 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