



IC Series™



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



GP-IC-2000

- 2000W pure sine wave inverter; 3400W surge (5 seconds)
- 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

INVERTER SPECIFICATIONS

Output Power (up to 40°C)	2000W
Surge Power (5 seconds)	3400W
Peak Output Current	60A
Continuous Output Current	17A
Output Voltage	120 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	267 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)

Specification subject to change without notice.
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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 30 amp inverter chargers. The configuration allows users to make full use of a 50 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	100 ADC
Charge 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	12.6" x 6.9" x 13.7"
Net Weight	38.71 lbs
Regulatory and Safety Specifications	UL certified to 458 (with Marine Supplement) and to CSA 22.2 No. 107.1-01 FCC Path 15, Class B



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.

150 - 300W

400-1000W

1100 - 3000W

① = Ideal for high voltage alternators



A coiled black and red high-voltage cable with a terminal block. The cable is thick and flexible, with a black outer jacket and a red inner insulation layer. It is coiled into a large loop. A terminal block with two metal terminals is attached to the end of the cable.

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



- 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