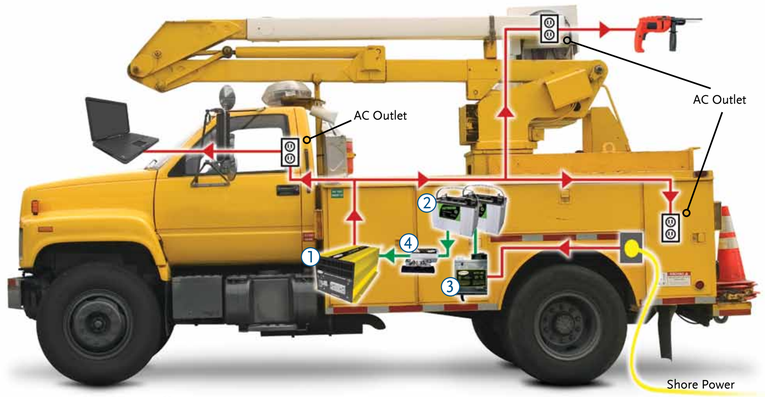
System Diagram

How a Go Power!™ Inverter System Works



1. Go Power! inverter
2. Battery bank
3. Go Power! battery charger
4. DC inverter fuse

Reduce your vehicle's idling and your dependence on a generator.
Install a Go Power! inverter system to control fuel consumption and reduce maintenance while eliminating avoidable greenhouse gas emissions.

Go Power! Inverter DC Installation Kits

For a safe battery and inverter connection

Go Power! DC Inverter Installation Kits include everything you need to properly connect your Go Power! inverter to the batteries. The kit includes 10' large gauge battery cables, tie downs, lugs and the appropriate inverter fuse and mounting block.

12 VOLT KIT	Inverter Size
GP-DC-KIT 2	600-1000 W
GP-DC-KIT 3	1100-1800 W
GP-DC-KIT 4	2000-2500 W
GP-DC-KIT 5	2600-3000 W

24 VOLT KIT	Inverter Size
GP-DC-KIT 2	600-1800 W
GP-DC-KIT 3	2000-3000 W
GP-DC-KIT 4	3100-4000 W
GP-DC-KIT 5	4100-6000 W

Go Power! DC Inverter Fuse Blocks

Go Power! DC Inverter Fuse Blocks include extra heavy duty DC rated fuses, with "slow blow" characteristics suitable for inverter installations. Protect yourself and your equipment! Includes mounting block, fuse and protective cover.

Model	Amps	12 VOLT	24 VOLT
FBL-110	110 amp	600-1000 W	600-1800 W
FBL-200	200 amp	1100-1800 W	2000-3000 W
FBL-300	300 amp	2000-2500 W	3100-4000 W
FBL-400	400 amp	2600-3000 W	4100-6000 W

(Replacement fuses available for all models)

Go Power! Transfer Switch

The ideal solution to preventing AC back feed when integrating an inverter directly into the AC electrical system.

The **GP-TS** is a prewired / circuit protected version of the TS-30 designed with special features to simplify and speed up installation. It includes a cable with built-in plug to connect the inverter output, and a receptacle that powers your converter / charger (GPC) only when shore power is available.

(The **TS-30**, a 30 amp AC switch and the **TS-50**, a double-pole switch for 50 amp services, are also available)

Go Power! Converter / Chargers

The ideal upgrade for your vehicle's battery system

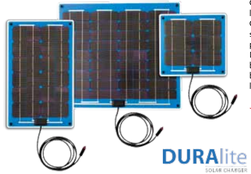
Go Power! Converter / Chargers offer fast, accurate battery charging at a reasonable cost, and use state-of-the-art, switch-mode technology. All models feature switchable output modes, one for float charging and one for rapid charging.

- Longer charging capability
- Robust design
- 2-year warranty

The optional **GPC-Smart Controller** converts the GPC charger to a automatic 3-stage smart battery charger, with bulk, absorption and float stages.

Model	Current (amps)	Dimensions	Weight
GPC-30	30 amps	7" x 6.5" x 3.5"	5.5 lbs
GPC-45	45 amps	7" x 6.5 x 3.5"	5.5 lbs
GPC-55	55 amps	7" x 6.5 x 3.5"	5.5 lbs
GPC-75	75 amps	10" x 6.5" x 3.5"	7.8 lbs
Model	**Current (amps)**	**Dimensions**	**Weight**
GPSC-12-10A	10 amps	10.25" x 8.5" x 2.5"	2.0 lbs

Go Power! DURAlite Solar Trickle Chargers



Go Power! DURAlites are slim, lightweight, portable Solar Trickle Chargers that are an excellent solar solution for any vehicle that remains parked for a long period of time. DURAlite solar trickle chargers can be put out in the sun to maintain a battery charge, and then stored for later use, or permanently mounted.

Connectivity is easy with DURAlite's 10 ft. cable and 12 volt auto adapter.

Model (12 volt)	Output (watts)	Amperage	Weight (lbs)	Dimensions
GPDL-5	5 W	0.3 amps	1.65	12" x 11"
GPDL-10	10 W	0.6 amps	2.85	19" x 12"
GPDL-20	20 W	1.2 amps	4.0	22" x 19"

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Go Power!™

powered by carmanah®

Mobile AC Power Guide

Reliable • Versatile • Affordable

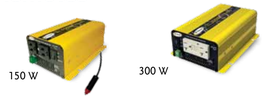
Mobile Power Solutions for:

- Utility & Fleet
- Long Haul
- Mobile Office
- Cable & Water
- EMS & Fire
- Military
- Auto Glass Replacement

Pure Sine Wave Power Inverters and Remotes

Go Power! Pure Sine Wave Inverters
Premium power ranging from 150 to 3000 watts

Go Power! pure sine wave inverters produce an exact replica of AC power. Go Power! pure sine wave inverters are the ultimate choice for equipment that demands a clean, pure source of AC power. These are guaranteed to run any devices within their wattage range. 2-year warranty.


150 W

300 W

1500 W

1000 W

600 W

GP-SW-Remote

The GP-SW-Remote is used with the GP-SW1500 inverters. It features an LED indicator showing inverter status, on/off switch and 25' cable. In addition, the GP-SW-Remote allows you to switch between power modes (full invert and power save).

GP-SWR-B-12 Remote

The GP-SWR-B-12 Remote features an LED bar graph, on/off switch and 25 ft. cable. It can be used with the GP-SW1000, GP-SW2000, and GP-SW3000.

- Features ROF (remote override function)

2000 W

3000 W

MODEL	OUTPUT (watts)	SURGE	DIMENSIONS	WEIGHT (lbs)	OUTLETS	DC CONNECT (12 V)	REMOTES
GP-SW150-12	150 W	260 W	7.9" x 5.2" x 2.8"	5.9	2	Lighter Plug	Option for 2 wire switch
GP-SW300-12	300 W	450 W	9.3" x 6.1" x 2.8"	7.7	2 GFCI	Anderson Lug Terminals	Option for 2 wire switch
GP-SW600-12	600 W	860 W	11.6" x 7.1" x 2.8"	5.9	2 GFCI	Use GP-DC-Kit 2	N/A
GP-SW1000-12	1000 W	2000 W	15.1" x 7.2" x 3.5"	8.8	2 GFCI	Use GP-DC-Kit 2	GP-SWR-B-12
GP-SW1500-12	1500 W	2000 W	16.3" x 10.9" x 4.1"	17	2 GFCI	Use GP-DC-Kit 3	GP-SW-Remote
GP-SW2000-12	2000 W	4000 W	16.6" x 8.2" x 6.5"	21	2 GFCI + HW	Use GP-DC-Kit 4	GP-SWR-B-12
GP-SW3000-12	3000 W	6000 W	17.8" x 8.2" x 6.5"	22	2 GFCI + HW	Use GP-DC-Kit 5	GP-SWR-B-12

NOTE: All pure sine wave inverter models are available in 12-volt or 24-volt versions.

Go Power! Pure Sine Wave Inverter Sizing Chart

Application	Operating Wattage	Surge Wattage	Recommended Inverter
Computer, laptop	125	125	GP-SW150-12
Camcorders	140	140	GP-SW150-12
Radio	200	200	GP-SW300-12
Recharger - battery power tools	240	240	GP-SW300-12
Video monitors	250	250	GP-SW300-12
DVD	200	200	GP-SW600-12
TVs up to 27"	300	300	GP-SW600-12
Sewer camera, lights & crawler	500	500	GP-SW600-12
Printer	600	600	GP-SW1000-12
Computer desktop	800	800	GP-SW1000-12
Fax machine	800	800	GP-SW1000-12
Hand drill 1/2"	800	900	GP-SW1000-12
Microwave oven	625	1300	GP-SW1500-12
Sewer camera & lights	1000	1000	GP-SW1500-12
Fiber optic splicers	1000	1000	GP-SW1500-12
Knife cutter, fein knife	1100	1100	GP-SW1500-12
Motor start induction run 1/3 HP	720	1300	GP-SW1500-12
Laser printer	700	1300	GP-SW1500-12
Bucket (basket) heater	1500	1500	GP-SW2000-12
Cable TV 90 volt power supply	2000	2000	GP-SW2000-12
Thumper (electrical fault locator)	1800	2500	GP-SW3000-12
Electrofusion equipment	2560	3500	GP-SW3000-12
Hammer drill HD	1600	5000	GP-SW3000-12
Hammer drill LD	1050	5000	GP-SW3000-12
Hammer drill MD	1350	5000	GP-SW3000-12
Air conditioner, 9000 BTU	1100	5500	GP-SW3000-12

Note: Operating wattage and surge wattage may not be exact for all applications.
Please confirm your application specifications prior to selecting an inverter.

Pure sine wave power inverters can run any of the modified sine wave power inverter loads, as long as they meet the same operating and surge requirements of the load.

Go Power! Modified Sine Wave Inverter Sizing Chart

Application	Operating Wattage	Surge Wattage	Recommended Inverter
Cellular phones	50	50	GP-175
Jigsaw	450	450	GP-600
Flood lights (500 Watt)	500	500	GP-600
Drill 3/8 inch, 4 amps	440	600	GP-1000
Engine block heater	750	750	GP-1000
Drill 1/2 inch, 5.4 amps	600	900	GP-1000
Heat gun 790° F	600	1200	GP-1750HD
Flood lights (1000 Watt)	1000	1000	GP-1750HD
Motor split phase 1/4 HP	600	1000	GP-1750HD
Heat gun 1200° F	1000	2000	GP-1750HD
Shop vacuum	800	1000	GP-1750HD
Grinder disk 4 1/2"	800	1200	GP-1750HD
Key cutter	1200	1200	GP-1750HD
Pump motor 1/3 HP	800	1300	GP-1750HD
Pump submersible sump 1/3 HP	800	1300	GP-1750HD
Sump pump 1/3 HP	800	1300	GP-1750HD
Space heater	1500	1500	GP-3000HD
Air compressor 1/2 HP	975	1600	GP-3000HD
Air compressor 3/4 HP	1500	1600	GP-3000HD
Air compressor 1 HP	2000	2200	GP-3000HD
Impact driver 1/2"	9000	1600	GP-3000HD
Drill large	1500	1800	GP-3000HD
Reciprocating Saw	1800	1800	GP-3000HD
Pump motor 1/2 HP	1050	2150	GP-3000HD
Pump submersible sump 1/2 HP	1050	2150	GP-3000HD
Sump pump 1/2 HP	1050	2150	GP-3000HD
Motor split phase 1/2 HP	875	2300	GP-3000HD
Circular saw, heavy duty 7 1/4"	1400	2300	GP-3000HD
Grinder bench 8"	1400	2500	GP-3000HD
Electric chain saw 14" 2HP	1100	3500	GP-3000HD
High-pressure washer 1HP	1200	3600	GP-3000HD

Note: Operating wattage and surge wattage may not be exact for all applications.
Please confirm your application specifications prior to selecting an inverter.

Modified Sine Wave Power Inverters and Remotes

Go Power! Modified Sine Wave Inverters
Powerful and economical power inverters ranging from 175 to 3000 watts

Go Power! modified sine wave inverters provide an economical solution to your power needs. Lightweight and simple to use, Go Power! modified sine wave inverters can be used in a wide range of RV, fleet and utility vehicle applications. 1-year warranty.

175 W

300 W

600 W

1000 W

1750 W

3000 W

GP-Remote

The GP-Remote can be used with the GP-1750HD and GP-3000HD inverters. It features an LED indicator showing inverter status, on/off switch and 25' cable.

MODEL	OUTPUT (watts)	SURGE	DIMENSIONS	WEIGHT (lbs)	OUTLETS	DC CONNECT (12 V)	REMOTES
GP-175	175 W	210 W	5.3" x 2.1" x 1.8"	1.1	1	Lighter Plug	N/A
GP-300	300 W	400 W	6.5" x 3.5" x 2"	1.8	2	Lighter Plug and Clips	N/A
GP-600	600 W	860 W	9" x 3.4" x 2"	4.6	2	Cables Included	N/A
GP-1000	1000 W	1300 W	11.2" x 5.8" x 2.8"	4.2	2	Use GP-DC-Kit 2	N/A
GP-1750HD	1500 W	2100 W	19" x 9.4" x 3.25"	12.1	2	Use GP-DC-Kit 3	GP-Remote
GP-3000HD	3000 W	6000 W	14.4" x 9.1" x 6.2"	14.9	4 (+ HW)	Use GP-DC-Kit 5	GP-Remote

Not all devices are designed to run with modified sine wave. Please consult a Go Power! sales rep or dealer to choose the right inverter for your power needs.

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