



25
YEARS
1 MILLION
PANELS SOLD

MOBILE SOLAR AND INVERTER SOLUTIONS PRODUCT SELLING GUIDE



1.866.247.6527 | gpelectric.com

SINCE 1996



Solar | Inverters | Chargers | Batteries

Since 1996, Go Power! has been a trusted leader in the solar technology and power inverter markets. This experience, paired with our commitment to providing excellent value, means we only produce high-quality components that give you more for your money. Durable, dependable, and cost effective is what we stand for.

Use Go Power! off-grid, full-time or to combat costly battery maintenance. Our solar and inverter systems and kits offer mobile power solutions for wherever grid power is inaccessible, unavailable, or unsustainable.

RV MANUFACTURERS WE WORK WITH



...and many more!

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LEADING INNOVATORS OF SOLAR AND MOBILE POWER SOLUTIONS SINCE 1996

From our beginnings as a small Canadian distributor of mobile energy products, Go Power! has grown to become one of North America's leading suppliers of recreational and business solar solutions. Now, in our 25th year, we celebrate new milestones in renewable energy.

One in a Million

Since we began selling solar in the mid-nineties, the landscape of solar and mobile power has transformed greatly, and efficiencies have grown by at least double. Being able to innovate with the emerging technologies has been at the core of our business. Aligning those innovative technologies with a more environmentally conscious market has helped drive our products and allowed Go Power! to grow into what it is today. Thanks to these factors, we have sold over 1 million solar panels to date.

Adventure is Our Goal

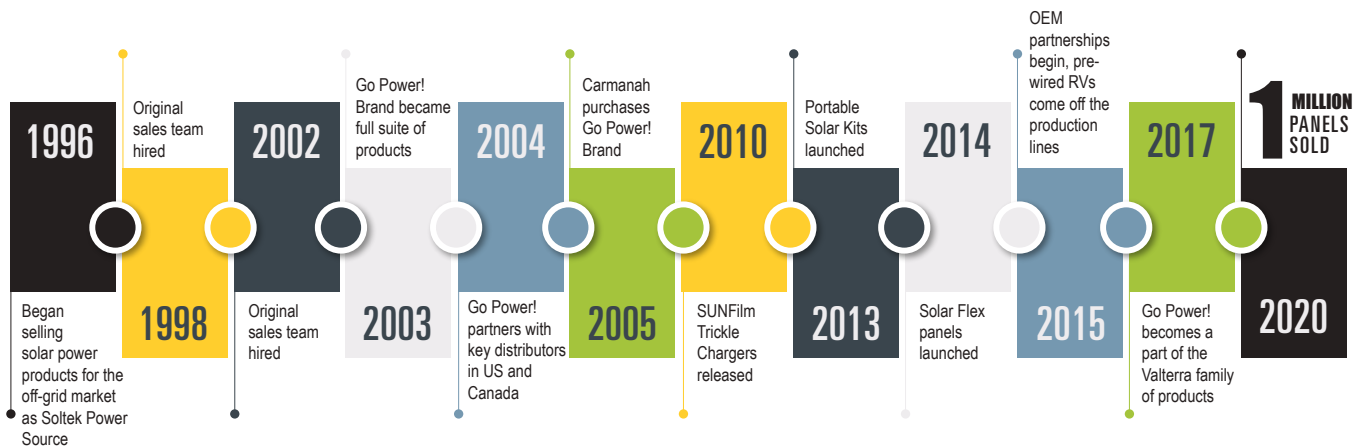
At Go Power! we like to explore off the grid, and we know our customers do too. Whether you're an RV owner searching for the perfect remote campsite or a boater planning that extended cruise, we have the perfect mobile power solution for you. We help keep your lights, refrigerator and electronics running for extended periods, without external power or worry.

Easy to install and built to withstand even the toughest conditions, Go Power! is the choice of RVers everywhere, and is available pre-installed on all types of RV's. In fact, 1 in 3 RV's sold today now come pre-wired for our solar products.

Value is Our Mission

Since 1996, Go Power! has been a trusted leader in the solar technology and power inverter markets. This experience, paired with our commitment to providing excellent value, means we only produce high-quality components that give you more for your money.

Durable, dependable, and cost effective is what we stand for. Use Go Power! off-grid, full-time or to combat costly battery maintenance. Our solar and inverter systems and kits offer mobile power solutions for wherever grid power is inaccessible, unavailable, or unsustainable.



HOW SOLAR WORKS

Go Power! solar kits charge the RV's battery bank to power lights, fans, and other DC appliances. Solar also extends battery life by ensuring a healthy charge level.

SOLAR PANELS*

Convert the sun's energy to electricity, which charges the battery bank. Solar panels mount to the RV rooftop or are available as a portable solar kit.



* Batteries not included in Go Power! Solar Kits



SOLAR CONTROLLER*

Regulates the amount of electricity sent from the solar panels to the batteries and protects batteries from overcharging damage.

BATTERIES

High efficiency batteries are the system's DC power reservoir and store the electricity generated from the solar panels.



Lithium and AGM batteries available*



POWER DRAW

DC appliances such as lights, fans, and water pumps draw power from the RV battery bank.

LEARN MORE ABOUT SOLAR AT GPELECTRIC.COM

SOLAR FAQs

HOW LONG CAN I RUN MY APPLIANCES OR ELECTRONICS ON SOLAR?

Appliances don't run directly on solar. However, the length of time all depends on how many amps your load consumes per hour and how large your battery bank is. Try using the Solar Sizing Calculator on the back of the catalogue, which will recommend battery bank size for the loads you use.

WHAT IS THE DIFFERENCE BETWEEN DC AND AC POWER?

DC (direct current) power is drawn from a battery and will run several types of 12-volt RV appliances, like lights and water pumps. AC (alternating current), which is drawn out of the wall at home, can be replicated in an RV by using an inverter to convert your 12-volt DC battery power into 120-volt AC household power. This is important if you wish to run AC-powered devices such as a TV, hair dryer, or coffee maker.

CAN I RUN MY TV, REFRIGERATOR, OR WATER PUMP WITH SOLAR?

Many refrigerators in RVs can run on DC, propane and AC power. The solar panels will provide power to the batteries, which will allow you to run a 3-way fridge on DC power and propane. Solar will also charge the batteries so you can use your water pump. Many TVs and some fridges run on 120-volt power, in this case your RV would require an inverter as well.

DO I NEED TO INSTALL AN INVERTER IF I ONLY WANT TO CHARGE MY BOAT OR RV BATTERY WITH A SOLAR PANEL?

No, you only require an inverter if you need to convert DC battery power to AC household power to run devices like TVs, tool chargers, and microwaves.

WANT TO LEARN MORE? HEAD TO GPELECTRIC.COM FOR MORE DETAILED INFORMATION.

STARTER SOLAR KITS

WHAT'S IN A SOLAR KIT?

Go Power! kits contain a solar panel, solar controller, mounting hardware and cables. They are ideal for charging your RV's battery, wherever your adventures take you



OVERLANDER KIT

Our most popular kit, the Overlander features 190-watts of power to keep your batteries healthy and charged. Features a 25-year power-output warranty.

WATTS	AMPS
190	9.3
CONTROLLER	
30 amp PWM Bluetooth® solar controller	
PANEL WEIGHT & DIMENSIONS	
26.4 lb 59.1 x 26.3 x 1.58 in	

RETREAT KIT

The Retreat is the perfect entry-level kit and is ideal for campers or rooftop where space is limited. Features a 25-year power output warranty.

WATTS	AMPS
100	5.4
CONTROLLER	
30 amp PWM Bluetooth® solar controller	
PANEL WEIGHT & DIMENSIONS	
17.6 lb 47.09 x 21.46 x 1.38 in	

EXPANSION KITS

Add more power to the OVERLANDER and RETREAT kits. Expansion kits include solar panel, mounting hardware, and MC4 branch connectors.

EXPANSION KITS	AMPS	WATTS	PANEL WEIGHT	PANEL DIMS
OVERLANDER-E	9.3	190	26.4 lb	59.1 x 26.3 x 1.58 in
RETREAT-E	5.4	100	17.6 lb	47.09 x 21.46 x 1.38 in

ECO SERIES KITS

Compact, roof-mounted kits. Ideal for trickle-charging in the off-season or for charging a smaller battery bank. 80W and 20W kits include digital controller, 25' of cable, and all mounting hardware. 10-watt kits includes 25' of cable and a mounting hardware.



Lithium compatible Controller

ECO SERIES	AMPS	WATTS	CONTROLLER	WEIGHT	DIMS
GP-ECO-80	4.6	80	10 amp	13.2 lb	30.71 x 26.46 x 1.38 in
GP-ECO-20	1.3	20	10 amp	3.97 lb	13.58 x 18.50 x 0.98 in
GP-ECO-10	0.7	10	Not required	1.7 lb	13.19 x 9.25 x 0.98 in

Weight and Dims refer to the panel.

SOLAR FLEX KITS

Conforms to the RV rooftop and eliminates any need for custom mounts. Includes a digital solar controller and can be mounted with adhesive or screws for a secure install. Expand solar capabilities with an expansion kit.



Lithium compatible Controller

SOLAR FLEX	AMPS	WATTS	CONTROLLER	WEIGHT	DIMS
GP-FLEX-100	5.6	100	30 amp w/ Bluetooth®	2.9 lbs	44.6 x 21.4 x 0.1 in
GP-FLEX-55	2.8	55	10 amp	1.6 lbs	42.1 x 11.3 x 0.1 in
GP-FLEX-35	1.7	35	10 amp	1.1 lb	24.4 x 14.96 x 0.1 in
GP-FLEX-100E*	5.6	100	Not required	2.9 lbs	44.6 x 21.4 x 0.1 in
GP-FLEX-55E*	2.8	55	Not required	1.6 lbs	42.1 x 11.3 x 0.1 in

*Expansion kits

LARGE SOLAR KITS

Our largest solar kits. Perfect for full time RVing. The solar all-electric kits are great for systems with large power demands. These kits are easy to install, and include a solar controller, MC4 cables, and all mounting hardware.



Solar AE6 Pictured

ALL-ELECTRIC KITS

SOLAR AE-6
1140 watts

Suggested Battery Bank:
1000Ah AGM or Lithium

SOLAR AE-4
760 watts

Suggested Battery Bank:
800Ah AGM or Lithium

Eliminating the need for conventional battery charging, the solar all-electric kits are great for systems with all electric residential fridges.

- Our largest rigid-panel kits
- 60-amp MPPT solar controller(s) (with optional Bluetooth® dongle and remote)
- GP-CEP-25, 25' MC4 cables, 1 red and 1 black
- Mounting hardware
- 80 Amp DC Breaker
- PV Disconnect

Pair with our Inverter Charger and Lithium Battery to power your AC loads.

Sold separately.

ALL ELECTRIC KIT	PANELS	WATTS	AMPS	CONTROLLER
SOLAR AE-6	6	1140	55.8	60-amp MPPT (X2)
SOLAR AE-4	4	760	37.2	60-amp MPPT

SOLAR FLEX™

These kits with flexible solar modules provide lightweight power and installation versatility.

FLEX-500 KIT

- 500 watts, 28 amps of solar power (5x 100-watt solar panels)
- 60-amp MPPT solar controller (with optional Bluetooth® dongle and remote)
- GP-CEP-25, 25' MC4 cables, 1 red and 1 black
- 50 Amp DC Breaker
- PV Disconnect
- Mounting hardware

FLEX-200 KIT

- 200 watts, 11.2 amps of solar power (2x 100-watt panels)
- 30 amp PWM Bluetooth® solar controller
- MC4 cables, 1 red and 1 black
- Mounting hardware



FLEX-500 Pictured

SOLAR FLEX	PANELS	WATTS	AMPS	CONTROLLER
GP-FLEX-500	5	500	28	60-amp MPPT
GP-FLEX-200	2	200	11.2	30 amp w/ Bluetooth®

PORTABLE SOLAR KITS

Compatible with pre-wired RVs
SOLAR ON THE SIDE™

These kits are perfect as convenient battery chargers or as an additional power source for any rooftop solar kit. Plug & Play connectivity means fast and easy set-up. Includes 12' UV cables and a durable carrying case.

DURALITE

100 Watt DuraLite Portable Solar Kit

Lightweight and easy to use, these portable solar kits are perfect for powering weekend getaways. These kits feature integrated kickstands, rigid plastic handles with built-in USB chargers, and convenient magnetic closures. Starter kits comes with all you'll need to charge your batteries, including a 30-amp charge controller, cables, and an array of connection options.



Expandable up to 300-watts!
Increase the DuraLite kit's charging power by adding an expansion kit. Expansions include a solar panel, MC4 and power-pole connectors for easy coupling.

PORTABLE SOLAR KIT	AMPS	WATTS	CONTROLLER	DIMS (OPEN)	DIMS (CLOSED)	WEIGHT
GP-DURALITE-100	5.06	100	30 amp	21.1 x 47.6 x 0.9 in	21.1 x 23.8 x 1.8 in	8.4 lbs
GP-DURALITE-100-E			Not Included			

90, 130, 200 watt Portable Solar Kits

Compatible with pre-wired RVs
SOLAR ON THE SIDE™



PORTABLE SOLAR KIT	AMPS	WATTS	CONTROLLER	DIMS (OPEN)	DIMS (CLOSED)	WEIGHT
GP-PSK-200	11.4	200	30 amp	40.0 x 53.9 x 3.4 in	40.0 x 27.2 x 3.4 in	51 lbs
GP-PSK-130	6.9	130	10 amp	32.48 x 39.76 x 1.38 in	32.48 x 19.88 x 2.76 in	33 lbs
GP-PSK-90	4.7	90	10 amp	21.65 x 39.76 x 1.18 in	21.65 x 19.88 x 2.36 in	19.8 lbs

Weight and Dims refer to the panel.

ACCESSORIES (SOLD SEPARATELY)	
GP-PSK-X30	GP-PSK-7PIN
30' Extension Cable	Trailer Plug Adapter



COMPLETE SOLAR SYSTEMS

Includes a  **Bluetooth**
Controller

 **Lithium**
compatible
Controller

Get freedom to use your AC and DC appliances anywhere with Go Power! complete solar and inverter kits. These kits all include a 30 amp PWM solar controller (now featuring Bluetooth® Wireless Technology), an inverter remote and install kit.

SOLAR EXTREME



Compatible with pre-wired RVs
WIRED FOR SOLAR

WATTS	AMPS
570 (3x 190W)	27.9
INVERTER CHARGER	
3000 watt pure sine wave inverter charger (with built-in 125 amp battery charger and 50 amp transfer switch)	

SOLAR ELITE



Compatible with pre-wired RVs
WIRED FOR SOLAR

WATTS	AMPS
380 (2x 190W)	18.6
INVERTER CHARGER	
2000 watt pure sine wave inverter charger (with built-in 100 amp battery charger and 50 amp transfer switch)	

WEEKENDER ISW



Compatible with pre-wired RVs
WIRED FOR SOLAR

WATTS	AMPS
190	9.3
INVERTER / TRANSFER SWITCH	
1500 watt industrial pure sine wave inverter and prewired 30 amp transfer switch	

SOLAR CONTROLLERS

A charge controller is an essential component of your photovoltaic (PV) system. The controller maintains the life of the battery by protecting it from overcharging. When your battery has reached a 100% state of charge, the controller prevents overcharging by limiting the current flowing into the batteries from your solar array.

 **MAXIMUM POWER POINT TRACKING**



BLUETOOTH® ENABLED MPPT SOLAR CONTROLLER

 **Lithium**
compatible
Controller

 **Bluetooth**®

The GP-MPPT-PRO-60 optimizes solar charging capacity in mobile systems in all sun and tilt conditions while allowing the system to be wired in series for easier installation, for arrays up to 150V (Voc @ STC). Features 4 built-in charging profiles, the MPPT-PRO-60 also maximizes solar charging in all weather conditions. Increase convenience with either a remote display or a Bluetooth® dongle.

BLUETOOTH® DONGLE (OPTIONAL)



The Bluetooth® Dongle, GP-MPPT-PRO-BT-1 is compatible with Go Power!'s Bluetooth® ready PRO Series solar controller integrates seamlessly with the Go Power! Connect app giving you the ability to wirelessly monitor you controller's parameters setting and



REMOTE (OPTIONAL)

This surface mounted remote display (GP-MPPT-40/60-R) shows the charge current to the battery, battery voltage, and battery state of charge (SOC). 2-year warranty.



View your solar charge status remotely with the Go Power! Connect app.



MPPT-PRO SERIES	
GP-MPPT-PRO-60	60 Amp Solar Controller
GP-MPPT-PRO-BT-1	Bluetooth® Dongle
GP-MPPT-PRO-R	Remote

WANT TO LEARN MORE? HEAD TO GPELECTRIC.COM FOR MORE DETAILED INFORMATION.

SOLAR CONTROLLERS

30 AMP PWM BLUETOOTH® SOLAR CONTROLLER

Regulates and prevents the solar panel from overcharging batteries. Pulse width modulated (PWM) charging, 4 battery charging profiles, improved 4-stage charging, and Maximum Power Boost™, for topping up batteries at the end of daylight. Included in larger solar kits and complete systems.

- ✓ Easy to read backlit digital display
- ✓ Lithium compatible
- ✓ Dual bank battery charging
- ✓ Bluetooth® enabled
- ✓ UL listed
- ✓ Inverter on/off control
- ✓ Heavy-duty terminals
- ✓ Built-in USB charge port
- ✓ 5-year warranty



View your solar charge status remotely with the Go Power! Connect app.



GP-PWM-30-UL

10 & 30 AMP PWM SINGLE BANK SOLAR CONTROLLERS

The GP-PWM-10-FM and GP-PWM-30-SB are 12 volt flush mounted photovoltaic (PV) charge controllers rated for continuous solar current inputs of 10 and 30 amps, respectively.

- ✓ Easy to read backlit digital display
- ✓ Lithium compatible
- ✓ Heavy-duty terminals
- ✓ Built-in USB charge port
- ✓ 5-year warranty



GP-PWM-10-FM

- included in
Eco 20 & 80 Kits
PSK 90 & 130 Kits



GP-PWM-30-SB

- included in
PSK 200 Kits

10 & 30 AMP PWM SQ SOLAR CONTROLLERS

The GP-PWM-10-SQ and GP-PWM-30-SQ are 12 volt recess-mounted photovoltaic (PV) charge controllers rated for a continuous solar current input of 10 and 30 amps, respectively and are capable of dual bank charging.

- ✓ Temperature compensated pulse width modulation (PWM) charging
- ✓ 4 Battery charging profiles: Sealed/Gel, AGM, Flooded, LiFePO4 (lithium)
- ✓ Easy to read backlit digital display
- ✓ 2 year warranty



GP-PWM-10-SQ



GP-PWM-30-SQ



Look for these controllers pre-installed on select RVs. For technical support and troubleshooting, contact the Go Power! team.

RV-C COMPATIBLE MPPT SOLAR CONTROLLERS

Look for these controllers pre-installed on select RVs. For technical support and troubleshooting, contact the Go Power! team.



GP-MPPT-30-RVC



GP-MPPT-10-RVC

RV-C 10 & 30 AMP MPPT SOLAR CONTROLLERS

MPPT solar controllers optimize an RV's solar charging in all sun and tilt conditions. Easy to install on their own and compatible with all RV-C multiplexing systems, these MPPT solar controllers offer superior flexibility for any RV installation.

- ✓ Easily integrated with on-board communications systems
- ✓ Supports multiple battery chemistries
- ✓ Heavy-duty terminals for low resistance connections
- ✓ Maximizes energy yield in multiple array tilt conditions
- ✓ Reacts faster to changes in solar conditions
- ✓ Optional remote
- ✓ Up to 98% power conversion efficiency
- ✓ 5-year warranty

RV-C

**MAXIMUM
POWER POINT
TRACKING**



GP-RVC-R

OPTIONAL BLUETOOTH® REMOTE

Conveniently set and view essential charge information remotely with the GP-RVC-R. The LCD screen shows battery charge current and voltage.



View your solar charge status remotely with the Go Power! Connect app.

Available on the Google Play and App Store

BATTERY MONITOR



Battery Monitor

GP-BMK-25

View your battery's performance with the Go Power! Battery Monitor Kit (GP-BMK-25). Fit for all battery types, the GP-BMK-25, gives you easy to understand battery stats at the push of a button.

Monitor essential battery statistics including:

- ✓ State of Charge
- ✓ Capacity
- ✓ Voltage
- ✓ Current
- ✓ Two Battery Voltage Display



Battery Shunt

SOLAR READY BATTERIES

SUN CYCLE™ LITHIUM BATTERY



GP-LIFEPO4-250

GP-LIFEPO4-100

Go further off-the-grid with the new Go Power! Lithium Iron Phosphate solar battery. Built specifically for mobile applications, this deep cycle battery is ideal for use in an RV. Includes a **10-year warranty**.

BATTERY	VOLTAGE	CAPACITY	WEIGHT	DIMENSIONS
GP-LIFEPO4-100	12V	100AH @C20	36 lbs	12.9x7x9.2in
GP-LIFEPO4-250	12V	250AH @C50	80 lbs	20.5x9.5x8.8in

SUN CYCLE™ AGM SOLAR BATTERIES



GP-AGM-100-12V

GP-AGM-224-6V

Specifically designed for solar, the AGM deep-cycle batteries offer maintenance-free, sealed construction and integrated carrying handles. UL listed, the battery is available in 6V and 12V models, and comes with a **2-year warranty**.

BATTERY	VOLTAGE	CAPACITY	WEIGHT	DIMENSIONS
GP-AGM-100-12V	12V	100AH @C20	67.5 lbs	12x6.6x8.1in
GP-AGM-224-6V	6V	224AH @C20	67.3 lbs	10.2x7.1x9.7in

IC Series™ INVERTER/CHARGER

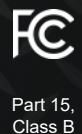
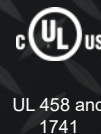
A 3-in-1 system combining an inverter, battery charger, and automatic transfer switch to save space and simplify installation. IC Series Inverter Charger Kits are available in 2000 and 3000 watt models, and come with the ICR-50 Remote, 50' of cable, and a 3-year warranty.

- 125 AMP (3000W) OR 100 AMP (2000W) BATTERY CHARGER
- AVAILABLE IN 2000 WATT AND 3000 WATT
- POWER SHARE TECHNOLOGY (SINGLE LEG)
- EASY INSTALL: BUILT IN HANDLES
- 100 AMP PASS THROUGH

Included in Solar Extreme
& Solar Elite complete systems



Remote
Included
(\$200 value)



IC SERIES PACKAGE	WATTS	BATTERY CHARGER	REMOTE	TRANSFER SWITCH	WEIGHT
GP-IC-3000-12-PKG	3000	125 amps	Included	2x 50 amps	51.9 lbs
GP-IC-2000-12-PKG	2000	100 amps	Included	2x 50 amps	38.7 lbs

POWER INVERTERS

SIZE YOUR INVERTER NEEDS WITH
OUR NEW INVERTER CALCULATOR


gpelectric.com/inverter-calculator

INDUSTRIAL PURE SINE WAVE INVERTERS

Premium mobile power in a sleek, lightweight profile. Bring reliable power on the road with Go Power! Industrial Pure Sine Wave Inverters, available in 200-3000 watts. Provide peace of mind when powering electronics with a **2-year warranty**. All models also available in 24v.



 on select inverters

PURE SINE WAVE INVERTERS	WATTS	SURGE (3ms)	OUTLETS	INVERTER CABLE KIT	REMOTES		WEIGHT & DIMS
GP-ISW3000-12	3000	6000	Hard wire	Use GP-DC-KIT5	Use GP-ISW-R / GP-SWR-A	✓	18.08 lbs 17.40" x 10.04" x 6.22"
GP-ISW2000-12	2000	4000	2 GFCI	Use GP-DC-KIT4	Use GP-ISW-R / GP-SWR-A	✓	11.55 lbs 17.45" x 9.76" x 3.27"
GP-ISW1500-12	1500	3000	2 GFCI	Use GP-DC-KIT3	Use GP-ISW-R / GP-SWR-A	✓	9.13 lbs; 16.59" x 9.76" x 3.27"
GP-ISW1000-12	1000	2000	2 GFCI	Use GP-DC-KIT2	Use GP-ISW-R / GP-SWR-A	✓	7.19 lbs; 14.65" x 7.87" x 3.27"
GP-ISW700-12	700	1400	2 GFCI	Use GP-DC-KIT2	Use GP-ISW-R / GP-SWR-A	✓	5.73 lbs; 13.00" x 7.87" x 3.27"
GP-ISW400-12	400	800	2 GFCI	Use GP-DC-KIT1	Use GP-SWR-A	✓	3.5 lbs 7.4" x 5.9" x 2.7"
GP-ISW200-12	200	250	2 GFCI	Use GP-DC-KIT1	Use GP-SWR-A	✗	3.5 lbs 7.4" x 5.9" x 2.7"

HD HEAVY DUTY MODIFIED SINE WAVE INVERTERS

Economical and reliable power solutions for running lights, appliances, and other resistive loads. The 12-volt Go Power! Modified Sine Wave Inverters range from 225 to 5000 watts and come with a **1-year warranty**.



 on select inverters

MODIFIED SINE WAVE INVERTERS	WATTS	SURGE (3ms)	OUTLETS	INVERTER CABLE KIT	REMOTES	WEIGHT & DIMS
GP-5000HD	5000	10000	4	Use GP-DC-KIT5	Use GP-HD-R	15.65 lbs: 18.50" x 9.92" x 4.13"
GP-3000HD	3000	6000	4	Use GP-DC-KIT5	Use GP-HD-R	10.54 lbs: 11.41" x 9.92" x 4.13"
GP-1750HD	1750	3500	3	Use GP-DC-KIT3	Use GP-HD-R	6.42 lbs: 8.07" x 8.86" x 3.50"
GP-1000HD	1000	2000	2	Use GP-DC-KIT2	Use GP-HD-R	3.11 lbs: 9.44" x 4.88" x 2.95"
GP-800HD	800	1600	2	Use GP-DC-KIT2	Use GP-HD-R	2.31 lbs; 7.48" x 4.88" x 2.95"
GP-400HD	400	800	2	Use GP-DC-KIT1	N/A	1.54 lbs; 6.30" x 4.25" x 2.64"
GP-225HD	225	450	2	Use GP-DC-KIT1	N/A	1.01 lbs; 5.27" x 3.86" x 2.05"

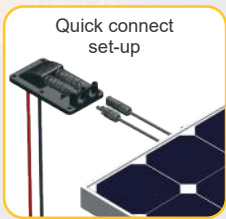
WANT TO LEARN MORE? HEAD TO GPELECTRIC.COM FOR MORE DETAILED INFORMATION.

POWER ACCESSORIES

CABLE ENTRY PLATE

Pair the Cable Entry Plate with a Go Power! Solar Kit to reduce unnecessarily exposed cables on the roof.

- Cuts down on panel installation time
- Protects cable connections
- Connects with industry standard MC4 cables (included in Go Power! kits)
- **5 year warranty**



Ask your Rep for available sizes.

SMART CONVERTER/CHARGERS

Compact and powerful, Go Power! smart converter/chargers offer fast, accurate charging. Designed for 1-bank battery systems. Built-in, 3-stage smart charger helps your batteries last longer. **2-year warranty.**



CONVERTER/CHARGER	AMPS
GPC-100-MAX	100
GPC-75-MAX	75
GPC-55-MAX	55
GPC-45-MAX	45
GPC-35-MAX	35



TRANSFER SWITCHES

The ideal solution to prevent AC back-feed when integrating an inverter directly into the AC electrical system or generator. **2-year warranty.**



GP-TS



TS-30



TS-50

TRANSFER SWITCH	AMPS
TS-50	50
GP-TS (PRE-WIRED)	30
TS-30	30

INVERTER FUSES & CABLE KITS



Installation kits include everything to connect your inverter to your batteries: 10' heavy gauge battery cables, tie downs, lugs, appropriate inverter fuse, and fuse block. Fits most inverters.

INVERTER FUSE & CABLE KITS	WIRE	FUSE	USE WITH
GP-DC-KIT5	4/0	400 amp	2600-5000 watt inverters
GP-DC-KIT4	2/0	300 amp	2000-2500 watt inverters
GP-DC-KIT3	#2	200 amp	1100-1800 watt inverters
GP-DC-KIT2	#4	100 amp	600-1000 watt inverters
GP-DC-KIT1	#6	60 amp	100-500 watt inverters

INVERTER REMOTES

Controls an inverter with the touch of a button.



INVERTER REMOTES	USE WITH
GP-HD-R	GP-800HD, 1000HD, 1750HD, 3000HD, 5000HD
GP-SWR-A	GP-ISW200, 400, 700, 1000, 1500, 2000, 3000
GP-ISW-R	GP-ISW700, 1000, 1500, 2000, 3000

INVERTER FUSES & FUSE BLOCKS

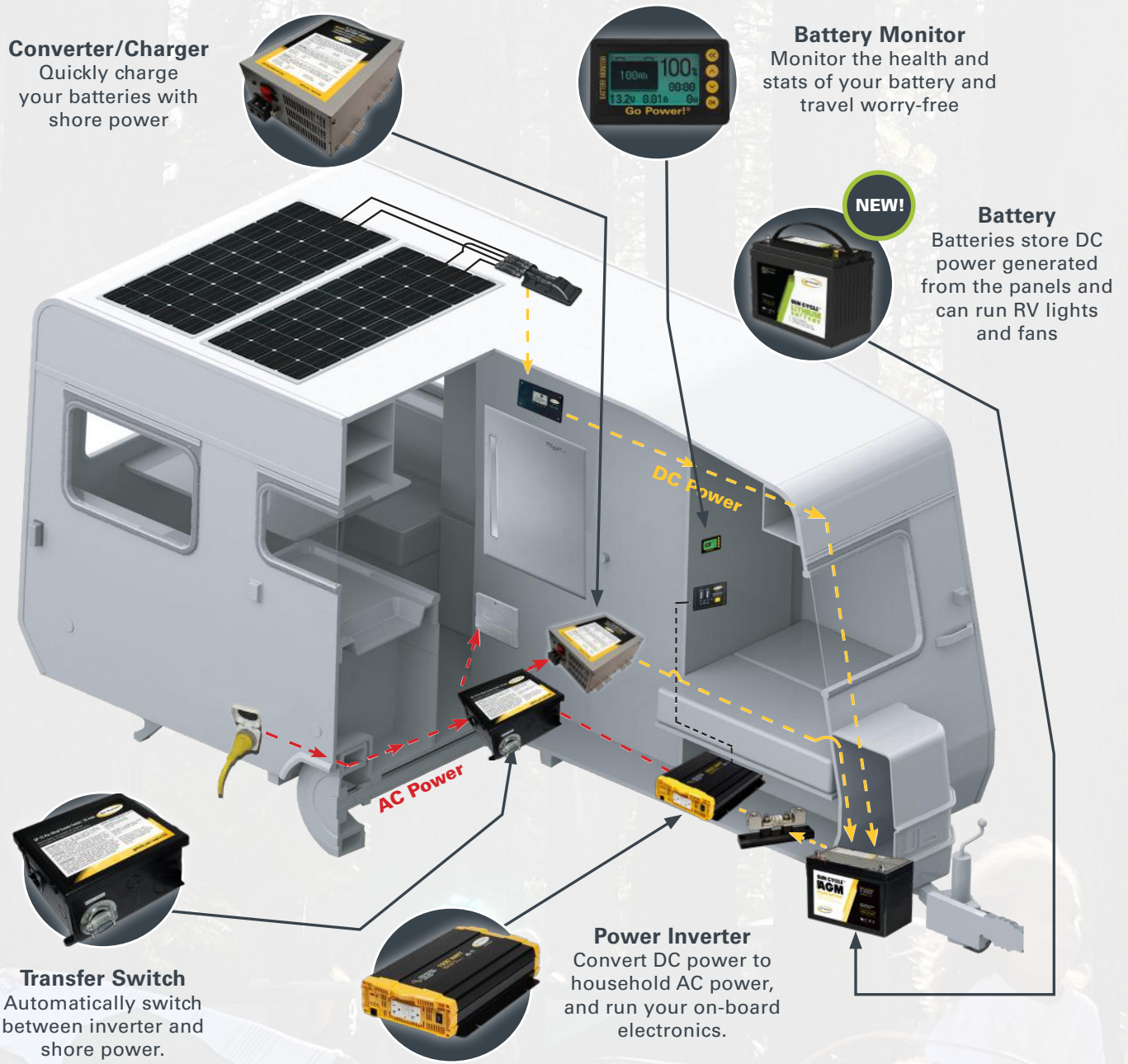


Safeguard equipment with ultra-durable Class-T, DC rated fuses.

FUSES & BLOCKS	AMPS
FBL-400	400
FBL-300	300
FBL-200	200
FBL-110	110

HOW A COMPLETE SYSTEM WORKS

We make it easy to go off-grid. Go Power! complete systems not only charge your RV's batteries, they also allow you to use your DC **and** AC appliances anywhere.



Did You Know?

IC Series Inverter Chargers combine three essential mobile power components into one sleek package!

TRANSFER SWITCH



BATTERY CHARGER


















PURE SINE INVERTER


















SOLAR SIZING GUIDELINES

Use the chart below to find out what solar and inverter kits will work best for an average RV in each class. Visit our website and use our calculator at gpelectric.com/calculator to find the best Go Power! solution for your needs.

Battery calculations below are based on 200 amps of battery power for every 190 watts of solar. Go Power! offers 100Ah and 224Ah AGM batteries as well as 100Ah and 250Ah Lithium batteries.

	CLASS A (GAS OR DIESEL)		FIFTH WHEEL / TOYHAULER		CLASS C	
						
	1-3 DAYS AWAY	7+ DAYS AWAY	1-3 DAYS AWAY	7+ DAYS AWAY	1-3 DAYS AWAY	7+ DAYS AWAY
SOLAR	380+ watts	570+ watts	380+ watts	570+ watts	190+ watts	380+ watts
INVERTER	2000/3000 watt pure sine	2000/3000 watt pure sine	2000/3000 watt pure sine	2000/3000 watt pure sine	2000 watt pure sine	2000 watt pure sine
AGM BATTERIES*	 400Ah+	 600Ah+	 400Ah+	 600Ah+	 400Ah+	 600Ah+
LITHIUM	 200Ah+	 400Ah+	 200Ah+	 400Ah+	 200Ah+	 400Ah+
TRY	Overlander + Expansion kit	Solar AE 4 or Solar AE-6	Overlander + Expansion kit	Solar AE 4 or Solar AE-6	Overlander Kit	Overlander + Expansion kit

	CLASS B		TRAVEL TRAILER		POP-UP OR TRUCK CAMPER	
						
	1-3 DAYS AWAY	7+ DAYS AWAY	1-3 DAYS AWAY	7+ DAYS AWAY	1-3 DAYS AWAY	7+ DAYS AWAY
SOLAR	100 watts	300+ watts	190+ watts	380+ watts	100+ watts	200+ watts
INVERTER	2000 watt pure sine	2000 watt pure sine	2000 watt pure sine	2000 watt pure sine	2000 watt pure sine	2000 watt pure sine
AGM BATTERIES*	 200Ah+	 400Ah+	 200Ah+	 400Ah+	 100Ah+	 200Ah+
LITHIUM	 100Ah+	 200Ah+	 100Ah+	 200Ah+	 100Ah+	 100Ah+
TRY	Retreat or Flex-100 kit	Retreat + 2x Retreat-E or Flex-200 kit + Flex-100E	Overlander Kit	Overlander + 1x Expansion kits	Retreat or Flex-100 Kit	Retreat +1 Expansion or Flex-100 kit + 1 Expansion

To learn more about solar systems, visit our website at gpelectric.com/education

SOLAR SIZING WORKSHEET

How much power do you need? Consider how many days you'll be off the grid and how much power you'll use. Keep costs down by sizing for just what you need. Most Go Power! solar kits and systems are easily expandable as your power needs grow.

Step 1: Fill in the quantity of items and number of hours each appliance runs per day.

12V, DC Appliances	Amps	X Qty.	X Hours Run Per Day	= Total Amp Hours
LED Light	0.08			
Incandescent Light	1.25			
Water Pump	4			
12 Volt TV	3			
SC Fan*	4			
Furnace Fan*	8			
12 Volt Stereo	0.8			
Refrigerator	3			
Propane Alarm	0.21	1	24	5.04
Other				

*Fan and furnace are not typically run at the same time.

120V, AC Appliances*	Amps	X Qty.	X Hours Run Per Day	= Total Amp Hours
AC Fridge**	10			
TV	4			
VCR	3			
Satellite Dish	4			
Microwave	100			
Toaster	66			
Coffee Maker	60			
Blender	12			
Computer	25			
Laptop Computer	5			
Other				

*All amperage ratings are based on a 12 volt system.

**Fridge amps based on a 4.4 cubic foot fridge, running 12-hours/day.

Total amp hours per day

Step 2: Total Weekly Amps Calculation

Multiply total amp hours per day from Step 1 by the number of days of use per week (i.e.: weekend camping: multiply total amp hours x 2 days).

Amps Per Day:	
X	
# of Days of Use Per Week:	
=	
Amp Hours Per Week	

*When sizing your battery bank

Step 3: Solar Power Output

Match your power draw from Step 2 to the product listed below:

Amp Hours Per Week	Recommended Solar Kit (DC only)	AGM Battery Bank	Lithium Battery Bank
29	10W Eco Kit	100Ah	100Ah
55	20W Eco Kit	100Ah	100Ah
71	35W Solar Flex Kit	100Ah	100Ah
117	55W Solar Flex Kit	100Ah	100Ah
197	80W Eco Kit	200Ah	100Ah
193	90W Portable Solar Kit	200Ah	100Ah
191	100W DuraLite Kit	200Ah	100Ah
228	100W Retreat Kit	200Ah	100Ah
236	100W Solar Flex Kit	200Ah	100Ah
290	130W Portable Solar Kit	200Ah	100Ah
390	190W Overlander Kit	200Ah	100Ah
382	200W - 100W Duralite Kit + 100W Duralite Expansion Kit	200Ah	100Ah
470	200W Portable Solar Kit	200Ah	100Ah
470	200W Solar Flex Kit	200Ah	100Ah
781	380W 190W Overlander Kit + 190W Overlander Expansion Kit	400Ah	200Ah
573	300W - 100W Duralite Kit + 2x 100W Duralite Expansion Kits	400Ah	200Ah
1411	500W Solar Flex Kit	400Ah	200Ah
1172	570W - 190W Overlander Kit + 2x 190W Overlander Expansion Kits	400Ah+	200Ah+
1563	760W Solar All-Electric Kit	600Ah+	400Ah+
2344	1140W Solar All-Electric Kit	800Ah+	600Ah+

MOST POPULAR KIT

Recommended Complete Systems (DC and AC)			
390	190W Weekender System	200Ah	100Ah
781	380W Solar Elite System	400Ah	200Ah
1172	570W Solar Extreme System	400Ah+	200Ah+
1563	760W Solar AE 4 & IC Series Inverter/Charger	600Ah+	400Ah+
2344	1140W Solar AE 4 & IC Series Inverter/Charger	800Ah+	600Ah+

Please note: Amp hours based on 6 hours of usable light per day.



A COMPANY YOU CAN TRUST

Since 1996, Go Power! has provided solar power solutions to RVers, campers, and boaters. We have industry-leading warranties and excellent technical support.

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