



**MOBILE SOLAR AND
INVERTER SOLUTIONS
PRODUCT SELLING GUIDE**





SINCE 1996

SOLAR | INVERTERS | CHARGERS | BATTERIES

For over 25 years, Go Power! has been a trusted leader in off-grid power. 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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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.

See **HOW A FULL SYSTEM WORKS** on page 14



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.



POWER DRAW

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

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*

LEARN MORE ABOUT SOLAR AT [GPELECTRIC.COM](https://www.gpelectric.com)

SOLAR FAQs

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

Appliances don't run directly on solar. Solar charges your RV's batteries, which can be drawn on to power DC components in your RV. Try using the Solar Sizing Calculator on the back of the catalog, or at [gpelectric.com/calculator](https://www.gpelectric.com/calculator), which will recommend a solar and battery bank solution 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 a power 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, power tool chargers, and microwaves.

ECLIPSE

RV-C COMPATIBLE MPPT SOLAR SERIES

NEW



Charge batteries faster and maximize your solar charging performance with the new ECLIPSE MPPT SOLAR SERIES. Choose from either a rigid 190-watt or 190-watt Solar Flex panel. Kits are expandable up to 3000-watts of solar with stackable controllers*.

Supercharge your solar array to 98% conversion efficiency with MPPT charging. Ideal for series configurations. Bluetooth® enabled remote* allows you to view and change essential battery stats from your handheld device.

*See our Solar Controller page for more information

Features:



RV-C Compatible



Lithium compatible Controller

Choose from 2 PANEL OPTIONS:

RIGID 190 WATT MPPT KIT

- Rigid black-framed 190 watt, 9.45 amp solar module
- Panel dimensions: 59.1 x 26.3 x 1.57 in
- 25-year power output panel warranty

FLEX 190 WATT MPPT KIT

- Black SolarFlex™ 190 watt, 9.89 amp solar module with ETFE top-sheet
- Panel dimensions: 55.98 x 27.2 x 0.1 in
- 5-year power output panel warranty

ECLIPSE SOLAR KITS INCLUDE:

- 30 amp, stackable MPPT, RV-C compatible solar controller
- Bluetooth® enabled remote
- Includes 25' MC4 cables and mounting hardware

SOLAR KITS	AMPS	WATTS	CONTROLLER	PANEL DIMS	PANEL WEIGHT
GP-ECLIPSE-190	9.45	190	30 AMP	59.1 x 26.3 x 1.6 in	26.4 lb (12 kg)
GP-ECLIPSE-190-E	9.45	190	Not Required	59.1 x 26.3 x 1.6 in	26.4 lb (12 kg)
GP-ECLIPSE-FLEX-190	9.89	190	30 AMP	55.9 x 27.2 x 0.1 in	8.3lb (3.76 kg)
GP-ECLIPSE-FLEX-190-E	9.89	190	Not Required	55.9 x 27.2 x 0.1 in	8.3lb (3.76 kg)

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

STARTER SOLAR KITS

Generate DC power to keep batteries fully charged, and to run lights, fans, and water pumps.

OVERLANDER | 190 WATT

- Fast battery charging with our largest, most popular single-panel kit.
- 190 watt, 9.45 amps solar module
- Panel dimensions: 59.1 x 26.3 x 1.57 in

RETREAT | 100 WATT

- Ideal for smaller units with limited roof space
- 100 watt, 5.4 amps solar module
- Panel dimensions: 47.09 x 21.46 x 1.30 in

SLIM SOLAR KIT | 100 WATT

- Ideal for sprinter vans, (Class B), and units with limited roof space
- Slim 100 watt, 4.7 amps solar module
- Panel dimensions: 13.98 x 60.24 x 1.58 in

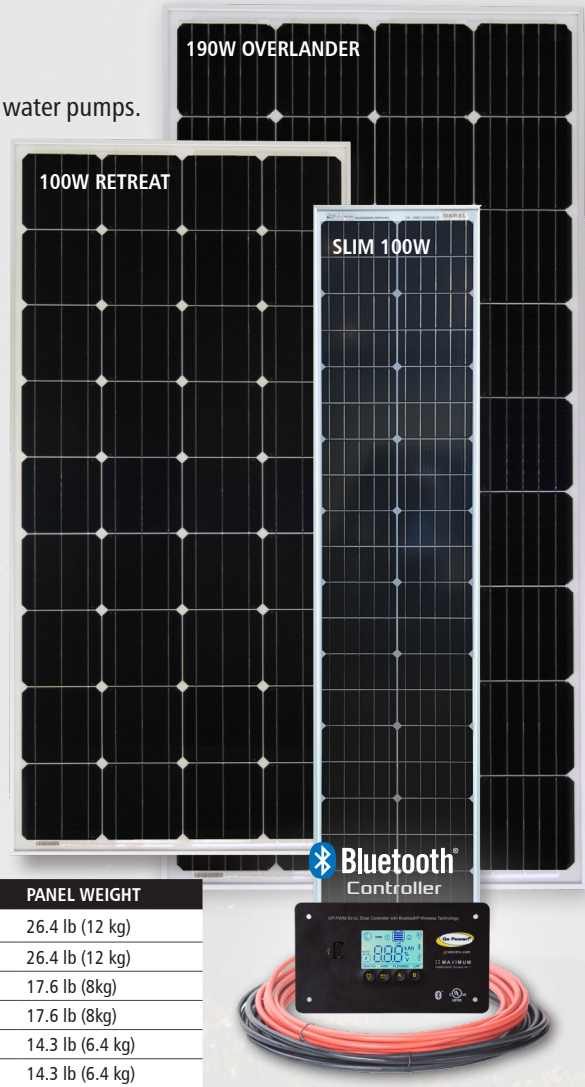


Included in FULL kits

- Easy-to-install 30 amp, Bluetooth® ready, UL rated, PWM digital controller
- 2x 25' MC4 cables, (1 red, 1 black); cULus approved
- Mounting hardware
- cCSAus rated solar modules
- 25-year power output panel warranty

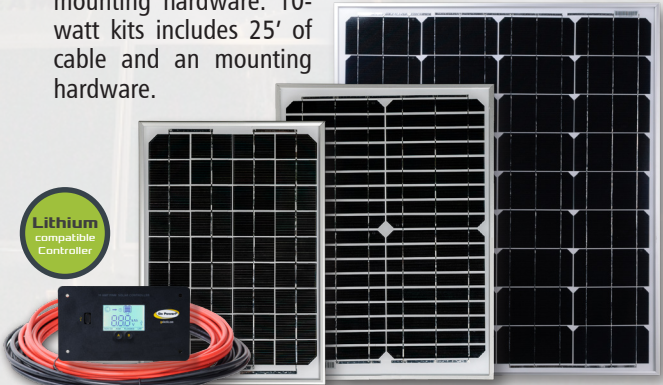


SOLAR KITS	AMPS	WATTS	CONTROLLER	PANEL DIMS	PANEL WEIGHT
OVERLANDER	9.45	190	30AMP	59.1 x 26.3 x 1.57 in	26.4 lb (12 kg)
OVERLANDER-E	9.45	190	Not required	59.1 x 26.3 x 1.57 in	26.4 lb (12 kg)
RETREAT	5.4	100	30AMP	47.09 x 21.46 x 1.30 in	17.6 lb (8kg)
RETREAT-E	5.4	100	Not required	47.09 x 21.46 x 1.30 in	17.6 lb (8kg)
SLIM-100	4.7	100	30AMP	13.98 x 60.24 x 1.58 in	14.3 lb (6.4 kg)
SLIM-100-E	4.7	100	Not required	13.98 x 60.24 x 1.58 in	14.3 lb (6.4 kg)



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 an mounting hardware.



ECO SERIES KIT	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	NA	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.



SOLAR FLEX	AMPS	WATTS	CONTROLLER	WEIGHT	DIMS
GP-FLEX-110	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 lbs	24.4 x 14.96 x 0.1 in
GP-FLEX-110E*	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 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

All-Electric Kits

SOLAR AE-6
1140W/56.7A

Suggested Battery Bank:

1000Ah +
AGM or Lithium

SOLAR AE-4
760W/37.8A

Suggested Battery Bank:

800Ah +
AGM or Lithium

Pair with our Inverter Charger and Lithium Battery to power your AC loads. (Sold separately)



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

SOLAR FLEX™

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

Flex-550 Kit

- 550 watts, 28 amps of solar power (5x 110-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-220 Kit

- 220 watts, 11.2 amps of solar power (2x 110-watt panels)
- 30 amp PWM Bluetooth® solar controller
- MC4 cables, 1 red and 1 black
- Mounting hardware



FLEX-220



FLEX-550

SOLAR FLEX	PANELS	WATTS	AMPS	CONTROLLER
GP-FLEX-550	5	500	28	60-amp MPPT
GP-FLEX-220	2	200	11.2	30 amp w/ Bluetooth®



PORTABLE SOLAR & POWER SOLUTIONS

DURALITE

Expandable up to 300-watts!

Lithium compatible Controller

60% Lighter!

Complete DURALITE KITS include



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

KITS	AMPS	WATTS	CONTROLLER	DIMENSIONS (OPEN)	DIMENSIONS (CLOSED)	WEIGHT
GP-DURALITE-100	4.55	100	30 amp	21.1 x 47.6 x 1 in	21.1 x 23.8 x 1.8 in	8.4 lbs
GP-DURALITE-100-E	4.55	100	Not Included	21.1 x 47.6 x 1 in	21.1 x 23.8 x 1.8 in	8.4 lbs

PORTABLE POWER SOLUTIONS

DURACUBE NEW

PORTABLE POWER STATION • 500-WATT HOUR SOLAR GENERATOR



Front View

Side View

FEATURES

- 2x AC 110v Outlets
- 4x USB Ports
- 1x USB Type C Port
- 12v DC Power Port
- Vehicle Jump Start Port
- 2x DC 12v Ports
- Solar Charging Input
- AC Charging Input

Compact, portable power. 500 watt-hour battery pack + 500-watt pure sine wave inverter. Powers TV's, fans, mobile fridges, or laptops, and charges handheld devices. Features integrated vehicle jump starter. Internal solar controller allows up to 120-watts of solar. Pairs perfectly with a DuraLite Expansion kit (GP-DURALITE-E).

Weight: 18.4lbs. Dims: 9.84 x 7.48 x 7.48 in.

DURAPACK NEW

SOLAR BATTERY PACK 8 WATTS SOLAR • 10,000MAH BATTERY



Open/Flat

Closed/Folded

Compatible with android Apple

Capable of charging cell phones up to 3 times per charge. Equipped with 2x USB ports, 8-watts of folding solar panels, LED status lights, and an integrated flashlight. Purchased and shipped in retail ready flat-packs of 10 units.

Weight: .88lbs. Closed Dims: 2.0 x 6.1 x .5 in

PORTABLE SOLAR KITS

90, 130, 200 watt Portable Solar Kits

Compatible with SOLAR ON THE SIDE™ Pre-wired for Solar RVs

Lithium compatible Controller

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.



Look for RVs pre-wired with a SOLAR ON THE SIDE™ port.



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	30' Extension Cable
GP-PSK-7PIN	Trailer Plug Adapter

COMPLETE SOLAR SYSTEMS

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 (featuring Bluetooth® Wireless Technology), an inverter remote and install kit.


INCLUDES  **Bluetooth®** CONTROLLER

Solar Extreme




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



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



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

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) **Bluetooth®**

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 mobile app giving you the ability to wirelessly monitor you controller's parameters setting and data view.

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

SOLAR CONTROLLERS



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

GET IT ON Google Play | Available on the App Store

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



GP-PWM-30-UL



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 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



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.

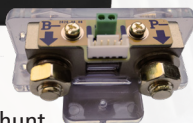


View your solar charge status remotely with the Go Power! Connect app.

BATTERY MONITOR



Battery Monitor



Battery Shunt

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

SOLAR READY BATTERIES

SUN CYCLE™ LITHIUM BATTERY



GP-LIFEPO4-250

GP-LIFEPO4-100

SUN CYCLE™ AGM SOLAR BATTERIES



GP-AGM-100-12V

GP-AGM-224-6V

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**.

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-LIFEPO4-100	12V	100AH @C20	36 lbs	12.9X7X9.2in
GP-LIFEPO4-250	12V	250AH @C50	80 lbs	20.5X9.5X8.8in

BATTERY	VOLTAGE	CAPACITY	WEIGHT	DIMENSIONS
GP-AGM-100-12V	12V	100AH @C20	67.5 lbs	12X6.6X8.1in
GP-AGM-224-6V	6V	224AH @C50	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.

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



Remote Included!

Lithium compatible

PURE SINE WAVE

UL US
UL 458 and 1741

SA US
CSA 22.2 #107.1

FC
Part 15, Class B

Included in Solar Extreme & Solar Elite complete systems

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**.



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"

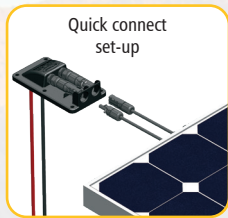
WANT TO LEARN MORE? HEAD TO GPELECTRIC.COM FOR MORE DETAILED INFORMATION.

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



GP-TS

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

2-year warranty.



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

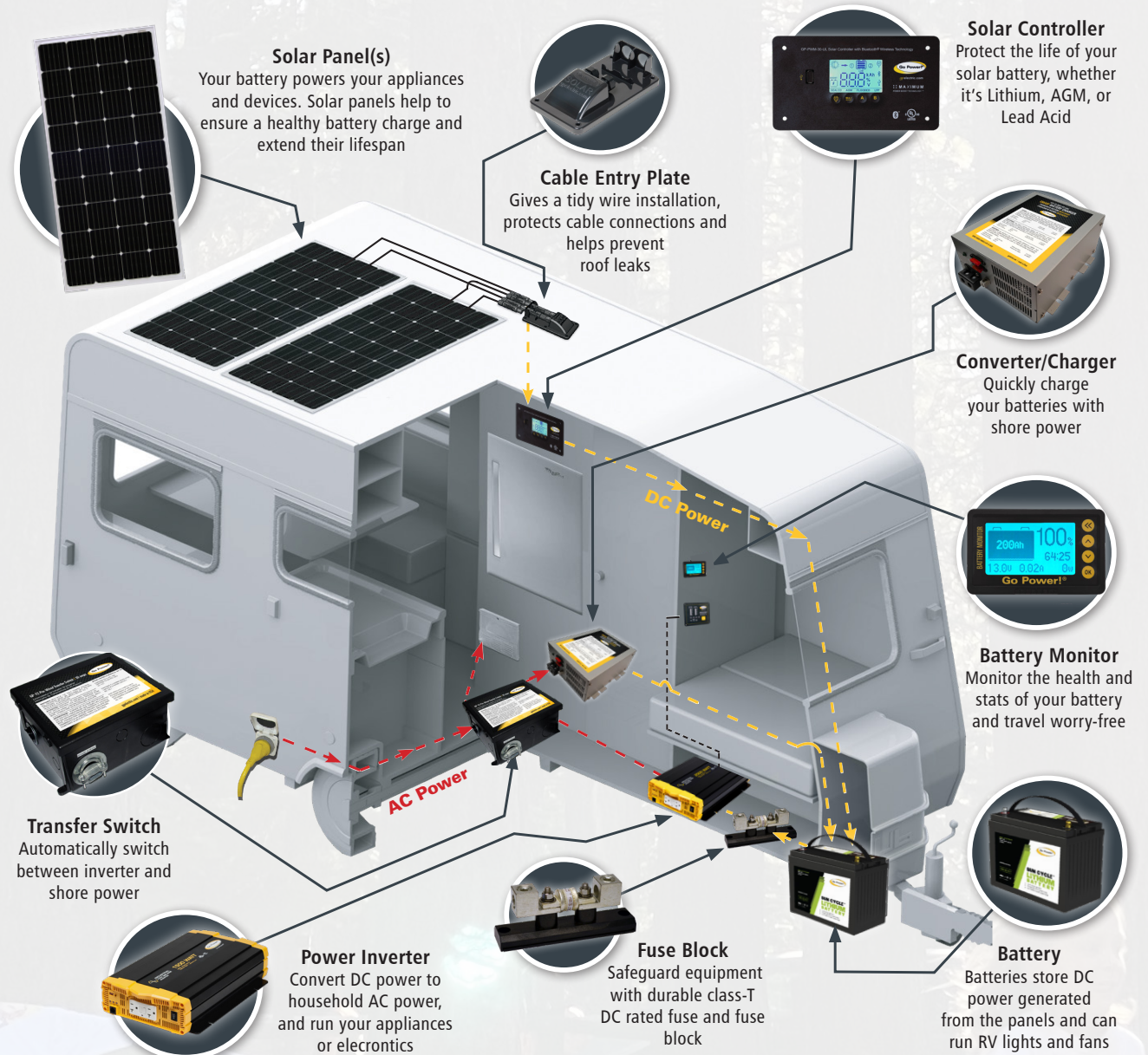


Safeguard equipment with ultra-durable Class-T, DC rated fuses.

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+	 200Ah+
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 Slim Kit	200Ah	100Ah
236	110W Solar Flex Kit	200Ah	100Ah
290	130W Portable Solar Kit	200Ah	100Ah
390	190W Overlander Kit	200Ah	100Ah
390	190W Eclipse Kit	200Ah	100Ah
382	200W - 100W Duralite Kit + 100W Duralite Expansion Kit	200Ah	100Ah
472	200W - 100W Slim Kit + 100W Slim Expansion Kit	200Ah	100Ah
470	200W Portable Solar Kit	200Ah	100Ah
470	220W Solar Flex Kit	200Ah	100Ah
573	300W - 100W Duralite Kit + 2x 100W Duralite Expansion Kits	400Ah	200Ah
708	300W - 100W Slim Kit + 2x 100W Slim Expansion Kits	400Ah	200Ah
781	380W 190W Overlander Kit + 190W Overlander Expansion Kit	400Ah	200Ah
781	380W 190W Eclipse Kit + 190W Eclipse Expansion Kit	400Ah	200Ah
1411	550W Solar Flex Kit	400Ah	200Ah
1172	570W - 190W Overlander Kit + 2x 190W Overlander Expansion Kits	400Ah	250Ah
1172	570W - 190W Eclipse Kit + 2x 190W Eclipse Expansion Kits	400Ah	250Ah
1563	760W Solar All-Electric Kit	800Ah+	800Ah+
2344	1140W Solar All-Electric Kit	1000Ah+	1000Ah+

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+	250Ah+
1563	760W Solar AE 4 & IC Series Inverter/Charger	800Ah+	800Ah+
2344	1140W Solar AE 4 & IC Series Inverter/Charger	1000Ah+	1000Ah+

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

In this example, AC amps are converted to DC by multiplying by 10. This isn't 100% accurate, but it allows you to make AC to DC calculations quickly.



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