

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

























Pleasure-Way

TRAVEL LITE RV



...and many more!

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HOW DOES SOLAR SAVE YOU MONEY?

- Prolongs battery lifespan
- Removes need for generator fuel
- Saves up to \$60/night in site hook-ups*

Solar kits cost as little as a portable generator and are maintenance-free.









waiting for your batteries to charge!

SOLAR ALSO SAVES MONEY WHEN

Batteries are the heart of your RV's electrical

system. Solar keeps your batteries consistently

charged, maximizing their lifespan-no more

YOUR RV IS PARKED.

*As reported by Go Power! customers.

WE HAVE THE RIGHT SOLAR KIT FOR YOU.

1) IS YOUR RV ALREADY PRE-WIRED?

One in three new RVs are pre-wired for Go Power! solar kits, making it even easier and faster to install. Look for one of these stickers on your dealer's lot:





FIND YOUR KIT

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.



Components included in Go Power! Solar Kits

BATTERIES

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



SOLAR CONTROLLER*

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



* 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 FAOS

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 the fridge on DC power and propane. Solar will also charge the batteries so you can use your water pump. Many TVs run on 120-volt power, so you might require a small inverter to run aTV.

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.

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.



What is a power inverter?



GP-ISW1500

A power inverter takes 12-volt DC power from your RV batteries and converts it to 120-volt AC to power your standard appliances. In RV's it's used to power small appliances and electronics.

Pure vs. Modified — What's the Difference?



PURE SINE WAVE Pure sine wave inverters are the ultimate choice for powering almost any electronic equipment. Pure Sine Wave inverters produce an exact replica of AC power and provide a safe and convenient connection for reliable access to pure interference-free power.



GP-ISW3000



MODIFIED SINE WAVE For running lights and non-sensitive electronics, **modified sine wave inverters** are a cost-effective choice for mobile power. While they don't produce a perfect replica of AC power, they do provide an affordable option for many mobile power applications.



GP-800HD

Which inverter do I need?

Inverters are rated in watts, and almost all electrical appliances have a corresponding rating. Check out the examples at **gpelectric.com/all-about-inverters** to find the right Go Power! Inverter for you.

Find the perfect inverter for your needs on Page 13.

BE POWERFUL.

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

OVERLANDER KIT (190 watt)

Single, rigid rooftop kit provides fastest charging to a medium-sized battery bank.

- 190 watt solar panel (9.3 amps); 25-year power output warranty
- · Expandable: up to 3 panels (570 watts) total of solar power
- Solar controller: 30 amp Bluetooth® enabled with dual battery bank charging
- Includes all mounting hardware and UV-rated solar cables

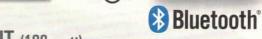


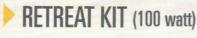




SOLAR KIT	AMPS	WATTS	CONTROLLER	PANEL DIMENSIONS	PANEL WEIGHT
OVERLANDER KIT	9.3	190	30 AMP	59.1 x 26.3 x 1.58 in	26.4 lb (12 kg)
OVERLANDER-E (EXPANSION KIT)	9.3	190	Not required	59.1 x 26.3 x 1.58 in	26.4 lb (12 kg)







When rooftop space is limited, this single, rigid rooftop kit provides charging to a medium-sized battery bank.

POPULAR KIT

- 100 watt solar panel (5.4 amps); 25 year power output warranty
- · Expandable: add up to 5 panels (500 watts) total of solar power
- Solar controller: 30 amp Bluetooth® enabled with dual battery bank charging
- · Includes all mounting hardware and UV rated solar cables









SOLAR KIT	AMPS	WATTS	CONTROLLER	PANEL DIMENSIONS	PANEL WEIGHT
RETREAT KIT	5.4	100	30 AMP	47.09 x 21.46 x 1.30 in	17.6 lb (8 kg)
RETREAT-E (EXPANSION KIT)	5.4	100	Not required	47.09 x 21.46 x 1.30 in	17.6 lb (8 kg)

GO POWER! PRODUCT SELLING GUIDE | Page 7





SOLAR ALL-ELECTRIC 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 AE-6 (6 Panels | 1140 watts)

Household power for:

Suggested:











SOLAR AE-4 (4 Panels | 760 watts)

Household power for:











ALL ELECTRIC KIT AMPS CONTROLLER WATTS SOLAR AE-6 1140 55.8 GP-MPPT-40 (x2) SOLAR AE-4 760 37.2 GP-MPPT-40

Want to learn more? Head to gpelectric.com for more detailed infor

Pair with our NVERTER/CHARGER for MAXIMUM off-grid power!

Find them on PAGE 14

These portable kits allow you to charge in the sun, while you're parked in the shade. Plug & Play connectivity means fast and easy set-up everytime. Includes 12' UV cables and a durable carrying case.









Kits include:







clamps



Ring terminal connectors









XLR-style solar plug



PORTABLE SOLAR KIT ACCESSORIES

(sold separately)

ACCESSORIES DESCRIPTION GP-PSK-X30 30' Extension Cable GP-PSK-7PIN 7 Pin Trailer Adapter





200

130

- 200 watt solar panel (11.2 amps)
- · Solar controller: built-in, 30 amp single bank with USB charge port
- Weight: 23 kg (51 lbs)

130 WATT PORTABLE SOLAR KIT

- 130 watt solar panel (6.9 amps)
- · Solar controller: built-in, 10 amp with USB charge port
- Weight: 15 kg (33 lbs)

90 WATT PORTABLE SOLAR KIT

- 90 watt solar panel (4.7 amps)
- · Solar controller: built-in, 10 amp with USB charge port
- Weight: 9 kg (19.8 lbs)

KITS	AMPS	WATTS	CONTROLLER
GP-PSK-200	11.2	200	30 amp
GP-PSK-130	6.9	130	10 amp
GP-PSK-90	4.7	90	10 amp

BE FLEXIBLE AND LIGHTWEIGHT.

SOLARFLEX

Go Power!'s **flexible kits** contain low-profile, marinegrade panels that can be securely roof mounted with adhesive or screws. These panels can conform to your RV's rooftop, eliminating the need for custom mounts.

SOLAR FLEX™ KITS (500, 200, 100 watt)

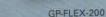
- 100 watt solar panels (5.6 amps)
- Expandable: combine up to 500 watts total of solar power
- Solar controller*: digital 30 amp Bluetooth® enabled with dual battery bank charging and built-in USB charge port
- Includes all mounting hardware and UV rated solar cables







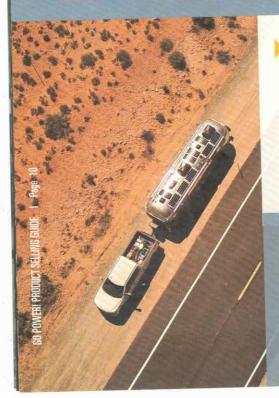








GP-FLEX-100



SOLAR FLEX™ KITS (55 and 35 watt)

- 55 and 35 watt solar panels (2.8 and 1.7 amps)
- Solar controller: digital 10 amp with built-in USB charge port
- Includes all mounting hardware and UV rated solar cables









AMPS	WATTS	CONTROLLER	PANEL DIMENSIONS
1011/02/0		40 amp	44.6 x 21.4 x 0.1 in
	277	30 amp	44.6 x 21.4 x 0.1 in
	250000000	30 amp	44.6 x 21.4 x 0.1 in
72.00	50	10 amp	42.1 x 11.3 x 0.1 in
1.7	30	10 amp	24.4 x 14.96 x 0,1 in
	100	Not required	44.6 x 21.4 x 0.1 in
2.8	50	Not required	42.1 x 11.3 x 0.1 in
	5.6	28 5x 100 11.2 2x 100 5.6 100 2.8 50 1.7 30 5.6 100	28 5x 100 40 amp 11.2 2x 100 30 amp 5.6 100 30 amp 2.8 50 10 amp 1.7 30 10 amp 5.6 100 Not required

^{*}Expansion Kits





Charge your batteries AND run AC devices off the grid with Go Power!'s solar and inverter solutions. Automatically switch power between battery and shore power, and upgrade your stock converter.







WEEKENDER ISW (190 watts)









Pair with: 2 x



BE A WEEKEND WARRIOR.



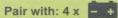


- 190 watt, 9.3 amp (1x 190W module)
- · Bluetooth® enabled 30 amp PWM digital controller
- · 1500 watt industrial pure sine wave inverter
- Prewired 30 amp transfer switch
 - Inverter install kit and remote

SOLAR FLITE (380 watts)









PLAN AN EXTRA LONG WEEKEND.





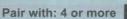
- 380 watt, 18.6 amp (2x 190W modules)
- Bluetooth® enabled 30 amp PWM digital controller
- · 2000 watt pure sine wave inverter charger (with built-in 100 amp battery charger and 50 amp transfer switch)
 - Inverter install kit and remote

SOLAR EXTREME (570 watts)











GREAT FOR FULL-TIME RVING.





- 570 watt, 27.9 amp (3x 190W modules)
- · Bluetooth® enabled 30 amp
- 3000 watt pure sine wave inverter charger (with built-in 125 amp battery charger and
 - Inverter install kit.



HOW MUCH SOLAR DO YOU NEED? Instantly size your solar solution at gpelectric.com/calculator Compact, roof-mounted trickle-charging solar kits are ideal for continually topping up your battery in the off-season, or for charging a smaller battery bank.

ECO SOLAR KIT (80 watts)

- · 80 watt solar panel (4.6 amps)
- · Solar controller: Flush-mounted, 10 amp with built-in USB charge port
- · Includes all mounting hardware and UV rated solar cables







ECO SERIES	AMPS	WATTS	CONTROLLER
GP-ECO-80	4.6	80	10 amp, flush mounted
GP-ECO-20	1.3	20	10 amp, flush mounted
GP-ECO-10	0.7	10	Not Required



ECO SOLAR KIT (20, 10 watts)

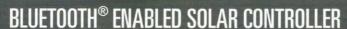
- 20 and 10 watt solar panels (1.3 and 0.7 amps)
- Solar controller (20 watt kit): Flush-mounted, 10 amp with built-in USB charge port
- · Solar controller (10 watt kit): not required
- · Includes all mounting hardware and UV rated solar







BE CONNECTED.



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 Heavy-duty terminals
- Lithium compatible
- · Dual bank battery charging

- Built-in USB charge port
- 5-year warranty

Bluetooth® Capabilities

Using Go Power! Connect, you can connect to your GP-PWM-30-UL controller to:

- · View essential battery stats, including:
 - Battery Voltage
 - PV Charging Current
 - Battery State of Charge (SOC)
- · Set the battery type and charging profile
- . Turn your compatible Go Power! ISW Inverter on or off
- · Toggle Maximum Power Boost mode











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





BE READY.



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



c UL us on select ISW inverters!

PURE SINE WAVE INVERTERS	INCL IN SOLAR SYSTEM	OUTPUT (watts)	SURGE (watts)	cULus	INVERTER CABLE KIT	REMOTES
GP-ISW3000-12	(#)	3000	6000		Her on no week	
GP-ISW2000-12					Use GP-DC-KIT5	Use GP-ISW-R / GP-SWR-A
GP-ISW1500-12		2000	3500	1	Use GP-DC-KIT4	Use GP-ISW-R / GP-SWR-A
	WEEKENDER ISW	1500	2650	1	Use GP-DC-KIT3	
GP-ISW1000-12		1000	1750	-		Use GP-ISW-R / GP-SWR-A
GP-ISW700-12			.0/3375	V .	Use GP-DC-KIT2	Use GP-ISW-R / GP-SWR-A
GP-ISW400-12		700	1230	V	Use GP-DC-KIT2	Use GP-ISW-R / GP-SWR-A
THE RESIDENCE WAS DESCRIPTION OF THE PERSON	•	400	800	1	Use GP-DC-KIT1	
3P-ISW200-12		200	250	×		Use GP-ISW-R / GP-SWR-A
			2.00	: X	Use GP-DC-KIT1	Use GP-ISW-R / GP-SWR-A

HEAVY BUTY MODIFIED SINE WAVE INVERTERS

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



MODIFIED SINE WAVE INVERTERS	OUTPUT (watts)	SURGE (watts)	OUTLETS	INVERTER CABLE KIT	REMOTES:
GP-5000HD-12	5000	10000	4	Una OD DO MES	(2000) 20
GP-3000HD-12	3000	6000	1	Use GP-DC-KIT5	Use GP-HD-R
GP-1750HD-12	1750		4	Use GP-DC-KIT5	Use GP-HD-R
GP-1000HD-12		3500	3	Use GP-DC-KIT3	Use GP-HD-R
GP-800HD-12	1000	2000	2	Use GP-DC-KIT2	Use GP-HD-R
SP-400HD-12	800	1600	2	Use GP-DC-KIT2	Use GP-HD-R
SAL MESSALES IN	400	800	2	Use GP-DC-KIT1	N/A
GP-225HD-12	225	450	2	Use GP-DC-KIT1	N/A

BE POWERFUL.

SUN CYCLE*



with the new Go Power!
Lithium Iron Phosphate
solar batteries. Built specifically for mobile
applications, this deep cycle battery is ideal for use
in an RV. Comes with 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 CYCLETM
A G M
SOLAR BATTERIES

Check out which battery is best for you at gpelectric.com





Ю

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
- > EASY INSTALL: BUILT IN HANDLES
- POWER SHARE TECHNOLOGY
- 100 AMP PASS THROUGH

Included in Solar Extreme & Solar Elite complete systems



Want to learn more? Head to gpelectric.com for more detailed information.

GO POWER! PRODUCT SELLING GUIDE | Page

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.



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

ctric.com for mar

Want to learn more? Head to gpel

detailed information

MOBILE POWER 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.

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).

12V, DC Appliances	Amps	X Oty.	X Hours Run/Day	= Total Amp Hours
10 Watt Light	0.08			
15 Watt Light	1.25			
Water Pump	4			
12 Volt TV	3			
SC Fan*	4			
Furnace Fan*	8			
12 Volt Stereo	0.8			
Refrigerator	0.4			
Propane Alarm Other	0.21	1	24	

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

AC Fridge	10																				
TV	4					Ī								đ		Ī			1		
DVD	3	***				Ī				* *				Č.		Ī	53				_
Satellite Dish	4	* * *	6000		***	Ī	***	0.0								Ī					
Microwave	100	* 6.6		* . * .		Ī		0.0				ė.				Ī					
Toaster	66	***		* . * .		Ī										Ī			e e		ĺ
Coffee Maker	60	* * *				Ī	5.5			•		đ.		•		Ī					,,,
Blender	12	5.5.5		***		Ī						*				Ī		9			1,0
Computer	25	8.50%				1			5.4						5.5	Ī			3.0		5.5
Laptop Computer	5	414.4	* 11	***		1					0.8		5.5		* 1	1				5.5	

*All amperage ratings are based on a 12 volt system. **Fridge amps based on a 4.4 cubic foot fridge, running 12-hours/day.

Other

Amps Per Day:				
X				
# of Days of Use Per Week:				
=				
Amp Hours Per Week				
Sten	3. Sal	ar Powe	ar Ou	tnut

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

mp Hours er Week	Recommended Solar Kit (DC only)	Suggested # of 12V Batteries
29	10W Eco Kit	1
55	20W Eco Kit	1
71	35W Solar Flex Kit	1
117	55W Solar Flex Kit	1
193	80W Eco Kit	2
197	90W Portable Solar Kit	2
228	100W Retreat Kit	2
236	100W Solar Flex Kit	2
290	130W Portable Solar Kit	2
390	190W Overlander Kit MOST	2
470	200W Portable Solar Kit	1
470	200W Solar Flex Kit	4
781	380W Overlander Kit + Overlander Expansion Kit	4–6
1411	500W Solar Flex Kit	4
1172	570W Overlander Kit + 2x Overlander Expansion Kits	4–6
1563	760W Solar All Electric Kit	4-6
2344	1140W Solar All Electric Kit	6-8

	Recommended Complete Systems (DC and	AC)
390	190W Weekender System	2
781	380W Solar Elite System	4
1172	570W Solar Extreme System	4–6

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

Go Power!

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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