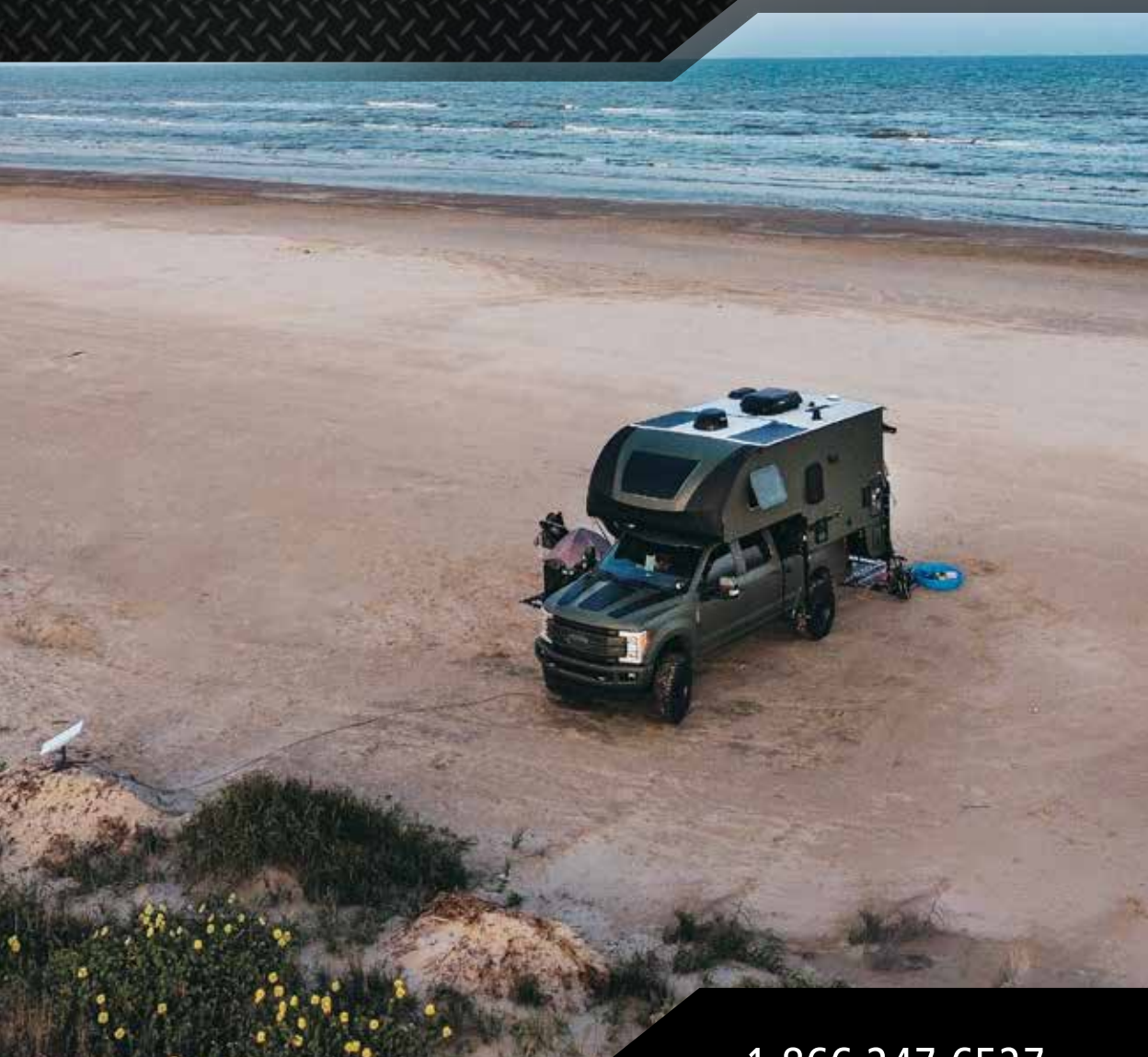


POWER YOUR ADVENTURE WITH SOLAR



DOMETIC

1.866.247.6527
gopowersolar.com




SINCE 1996

SOLAR | INVERTERS | CHARGERS | BATTERIES | SYSTEMS

Experience the freedom of camping anywhere.

At Go Power!, we're passionate about powering your journey without compromising comfort. We provide a wide range of mobile solar power products that let you live and travel off-grid. Whether you need something lightweight to keep your gadgets charged, or a full generator replacement system to run your appliances off-grid, we can provide reliable electricity anywhere the sun is shining.

With industry leading warranties and unparalleled customer service, we deliver on the promise to power your adventure. Break free from park power and embrace the true spirit of adventure. Join the movement toward independence from the grid — because your journey should be as limitless as your destination.

RV MANUFACTURERS WE WORK WITH



...and many more!

46%
Of RV's are
Pre-wired for
Go Power!

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Want to learn more? Go to gopowersolar.com for more detailed information.

FREQUENTLY ASKED QUESTIONS ABOUT MOBILE POWER



SCAN ME
View more FAQ here.

“How long can solar run electronics or appliances?”

Electronics and appliances don't run directly on solar. Solar charges your RV's batteries, which can then be used to power 12V DC electronics. The batteries can be likened to a “gas tank” in the power system. The more battery power available, the larger the “gas tank”, the more runtime for DC appliances.

“Can I run my TV or fridge off-grid?”

Yes! Many refrigerators in today's RVs can run on 12V DC or 120V AC power. DC fridges can run directly off your RV's battery, or “gas tank”. However, AC fridges and many TVs run on AC power like at home, you will need to install a power inverter as well, which converts DC battery power to household AC power.

“What do I need to consider when sizing a solar system?”

Factors RVers will need to consider when picking a solar kit are: current and future power requirements and, battery bank size, and of course, budget. Use our simple sizing guide on the back of this booklet, or visit our website to use our calculator.

SOLAR SIZING GUIDELINES

Use the chart below to find a starting point for solar sizing for each vehicle type. Larger items like air conditioners and residential fridges are not included in the estimates listed below. Every RV and RVer is different! To get a more personalized recommendation, use the calculator online.

	CLASS A (GAS OR DIESEL)			FIFTH WHEEL / TOYHAULER			CLASS C		
	1-3 DAYS	4-6 DAYS	7+ DAYS	1-3 DAYS	4-6 DAYS	7+ DAYS	1-3 DAYS	4-6 DAYS	7+ DAYS
SOLAR KIT	400W (Solar AE 4)	1000W (Solar AE 4 & Overlander-E)	1200W (Solar AE 6)	400W (Overlander & Overlander-E)	1000W (Solar AE 4 & Overlander-E)	1200W Solar AE 6	200W (Overlander)	400W (Overlander & Overlander-E)	1000W (Solar AE 4 & Overlander-E)
SOLAR & INVERTER SYSTEM	400W Solar Elite / 400W PowerTrak™	1000W (PowerTrak™ 800 & Eclipse-200-E)	1200W PowerTrak™	400W Solar Elite / 400W PowerTrak™	1000W (PowerTrak™ 800 & Eclipse-200-E)	1200W PowerTrak™	200W Weekender ISW	400W Solar Elite / 400W PowerTrak™	1000W (PowerTrak™ 800 & Eclipse-200-E)
LITHIUM BATTERIES*	300Ah+	400Ah+	900Ah+	300Ah+	400Ah+	900Ah+	200Ah+	300Ah+	600Ah+

*If you plan to use AGM or Lead Acid batteries, double the amount of amperage is recommended.

	CLASS B / CAMPER VAN			TRAVEL TRAILERS (25FT +)			SMALL TRAVEL TRAILER POP-UP / TRUCK CAMPER		
	1-3 DAYS	4-6 DAYS	7+ DAYS	1-3 DAYS	4-6 DAYS	7+ DAYS	1-3 DAYS	4-6 DAYS	7+ DAYS
SOLAR KIT	200W (Overlander / 100 Slim & Slim-E)	400W (Overlander & Overlander-E)	600W (Overlander & 2x Overlander-E)	200W (Overlander)	400W (Overlander & Overlander-E)	600W (Overlander & 2x Overlander-E)	100W + (Retreat / Slim / Overlander)	200W (Overlander)	400W (Overlander & Overlander-E)
SOLAR & INVERTER SYSTEM	200W Weekender ISW	400W Solar Elite / 400W PowerTrak™	600W Solar Extreme / 400W PowerTrak™ & Overlander-E	400W Solar Elite / 400W PowerTrak™	600W Solar Extreme / 400W PowerTrak™ & Overlander-E	800W PowerTrak™	200W Weekender ISW	200W Weekender ISW	400W Solar Elite / 400W PowerTrak™
LITHIUM BATTERIES*	200Ah+	300Ah+	400Ah+	200Ah+	300Ah+	400Ah+	100Ah+	200Ah+	300Ah+

*If you plan to use AGM or Lead Acid batteries, double the amount of amperage is recommended.

Want to learn more? Go to gopowersolar.com for more detailed information.

POWERTRAK

MOBILE POWER MADE EASY

NEW

PowerTrak™ technology makes compatible Go Power! products to work together to optimize power flow and efficiency. PowerTrak™ seamlessly connects compatible devices with minimal out-of-the-box configuration.



KEY BENIFITS

- One screen vs three – a single monitoring point for multiple power system components
- Seamless energy flow and monitoring
- Optimized and connected solar and inverter systems
- Over-the-air firmware updates
- Complete control of mobile power systems with a simple touch screen interface and mobile app support.
- PowerTrak™ technology allows products to work together to optimize power flow and efficiency.



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



SCAN ME!

Size your system and learn more about PowerTrak™ at our website.

SOLAR PANELS & MPPT CONTROLLER



ADVANCED LITHIUM BATTERY



INVERTER CHARGER



BATTERY MANAGER



Want to learn more? Go to gopowersolar.com for more detailed information.

POWERTRAK

SMART MOBILE POWER SYSTEMS

Pairing decades of solar knowledge with cutting-edge smart technology, PowerTrak™ Smart Mobile Power Systems make off-grid power easy to use, understand, and control.

View battery state of charge, solar charging status and power consumption on a single touch screen display, or remotely from the Go Power! Connect app. PowerTrak™ technology integrates your system and allows the components to work together, optimizing performance.

PowerTrak™ systems are built with stackable solar controllers that can accommodate more solar (up to 3000 watts!) as your power needs grow. When paired with Go Power! Advanced Lithium batteries, these systems offer a full 360° view of your system.

SCAN ME!

Learn more about PowerTrak™ online



400
WATTS

2
Panels
Included



1-4
days

OFF-GRID ADVENTURER

GP-PT-400 | 83535

- 400 watts, 19.2 amps of solar (2x 200W modules)
- Smart 30A MPPT charge controller
- **NEW** 3" color touch screen remote display
- 3000 watt pure sine wave inverter charger with built-in 125 amp battery charger and 50 amp transfer switch
- Comes with all cabling and installation equipment

RECOMMENDED
PAIR WITH 300AH+
ADVANCED LITHIUM

800
WATTS

4
Panels
Included



4-7
days

ROBUST OFF-GRID POWER

GP-PT-800 | 83536

- 800 watts, 38.4 amps of solar (4x 200W modules)
- 2x Smart 30A MPPT charge controllers
- **NEW** 3" color touch screen remote display
- 3000 watt pure sine wave inverter charger with built-in 125 amp battery charger and 50 amp transfer switch
- Comes with all cabling and installation equipment

RECOMMENDED
PAIR WITH 600AH+
ADVANCED LITHIUM

1200
WATTS

6
Panels
Included



7+
days

FULL TIME OFF-GRID RVING

GP-PT-1200 | 83537

- 1200 watt, 57.6 amps of solar (6x 200W modules)
- 3x Smart 30A MPPT charge controllers
- **NEW** 3" color touch screen remote display
- 3000 watt pure sine wave inverter charger with built-in 125 amp battery charger and 50 amp transfer switch
- Comes with all cabling and installation equipment

RECOMMENDED
PAIR WITH 900AH+
ADVANCED LITHIUM

SUN CYCLE™ ADVANCED BATTERY LITHIUM

PowerTrak systems are best paired with Advanced Lithium batteries. Learn more about advanced batteries in the battery section on page eight.



Want to learn more? Go to gopowersolar.com for more detailed information.

MPPT SOLAR CHARGING KITS



These MPPT Kits can be expanded to 3000-watts (using stackable controllers) and paired with PowerTrak Smart Systems. Kits come complete with all cables, mounting hardware and NEW 3" color touch screen remote display.



SCAN ME!

View more information online!

PART #	SOLAR KITS	AMPS	WATTS	CONTROLLER	DIMENSIONS	FRAME
83312	SOLAR AE-6	57.6	1200	GP-RVC30-MPPT (x3)	59.1 x 26.3 x 1.5 in	SILVER ALUMINUM
83311	SOLAR AE-4	38.4	800	GP-RVC30-MPPT (x2)	59.1 x 26.3 x 1.5 in	SILVER ALUMINUM
83315	GP-ECLIPSE-200	9.6	200	GP-RVC30-MPPT	59.1 x 26.3 x 1.5 in	BLACK ALUMINUM
83069	GP-ECLIPSE-FLEX-190	9.6	190	GP-RVC30-MPPT	55.9 x 27.2 x 0.1 in	BLACK SOLARFLEX™
83316	GP-ECLIPSE-200-E	9.6	200	N/A	59.1 x 26.3 x 1.5 in	BLACK ALUMINUM
83071	GP-ECLIPSE-FLEX-190-E	9.9	190	N/A	55.9 x 27.2 x 0.1 in	BLACK SOLARFLEX™

PWM SOLAR CHARGING KITS



PART #	SOLAR KITS	AMPS	WATTS	CONTROLLER	PANEL DIMENSIONS
83294	OVERLANDER	9.6	200	GP-SB-PWM-30BT	59.1 x 26.3 x 1.5 in
83299	RETREAT	5.4	100	GP-SB-PWM-30BT	48.0 x 21.5 x 1.3 in
83300	SLIM-100	4.7	100	GP-SB-PWM-30BT	14.0 x 60.2 x 1.6 in
83307	SLIM-BLK-100	4.7	100	GP-SB-PWM-30BT	14.0 x 60.2 x 1.6 in
83305	GP-FLEX-220	11.2	2x 110	GP-SB-PWM-30BT	44.6 x 21.4 x 0.1 in
83304	GP-FLEX-110	5.6	110	GP-SB-PWM-30BT	44.6 x 21.4 x 0.1 in
83303	GP-FLEX-55	2.8	55	GP-SB-PWM-10	42.1 x 11.3 x 0.1 in
83302	GP-FLEX-35	1.7	35	GP-SB-PWM-10	24.4 x 14.9 x 0.1 in
EXPANSION KITS					
83314	OVERLANDER-E	9.6	200	N/A	59.1 x 26.3 x 1.6 in
78220	RETREAT-E	5.4	100	N/A	47.1 x 21.5 x 1.3 in
83073	SLIM-100-E	4.7	100	N/A	14.0 x 60.2 x 1.6 in
83308	SLIM-BLK-100-E	4.7	100	N/A	14.0 x 60.2 x 1.6 in
83110	GP-FLEX-110E	5.6	110	N/A	44.6 x 21.4 x 0.1 in
82931	GP-FLEX 55E	2.8	55	N/A	42.1 x 11.3 x 0.1 in

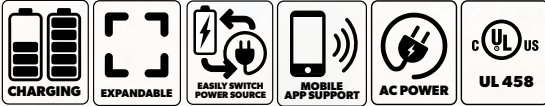
MOST POPULAR KIT



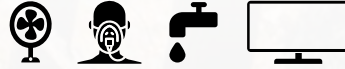
Want to learn more? Go to gopowersolar.com for more detailed information.



MOBILE POWER SYSTEMS



OFF GRID POWER FOR APPLIANCES



WEEKENDER ISW

83295 | 200W (1x 200W) - 9.6AMPS

1500 watt industrial pure sine wave inverter and prewired 30 amp transfer switch. Comes with all installation & cabling required.



SOLAR ELITE

83296 | 400W (2x 200W) - 19.2AMPS

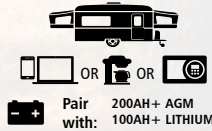
2000 watt pure sine wave inverter charger with a built-in 100 amp battery charger and 50 amp transfer switch. Comes with all installation & cabling required.



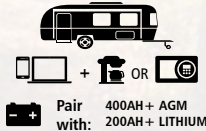
SOLAR EXTREME

83297 | 600W (3x 200W) - 28.8AMPS

3000 watt pure sine wave inverter charger with a built-in 125 amp battery charger and 50 amp transfer switch. Comes with all installation & cabling required.



Pair with: 200AH+ AGM or 100AH+ LITHIUM



Pair with: 400AH+ AGM or 200AH+ LITHIUM



Pair with: 500AH+ AGM or 250AH+ LITHIUM

DURALITE

100 WATT DURALITE PORTABLE SOLAR KIT

DuraLite kits are expandable up to 300-watts, and feature integrated kickstands, rigid plastic handles, built-in USB chargers, and convenient magnetic closures. Starter kits come with a 30-amp charge controller, cables, and an array of connection points.

PART #	KITS	AMPS	WATTS	CONTROLLER	DIMENSIONS (OPEN)	WEIGHT
82764	GP-DURALITE-100	4.6	100	30 amp	40.8 x 26.6 x 1	9 lbs / 4.1 kg
82765	GP-DURALITE-100-E	4.6	100	Not Included	40.8 x 26.6 x 1	8.4 lbs / 4 kg



PORTABLE SOLAR KITS

Go Power! Portable Solar Kits are the perfect addition for any outdoor enthusiast. Easy to set up, and great for charging batteries in RVs, ATVs, or anything with a 12-volt battery

PART #	KITS	AMPS	WATTS	CONTROLLER	DIMENSIONS (OPEN)	WEIGHT
82610	GP-PSK-200	11.2	200	30 amp	39 x 52.8 x 2.8 in	51 lbs / 23 kg
82730	GP-PSK-130	6.9	130	10 amp	32.5 x 39.8 x 1.4 in	33 lbs / 15 kg
82729	GP-PSK-90	4.7	90	10 amp	21.7 x 39.8 x 1.3 in	19.8 lbs / 9 kg



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

PORTABLE KITS INCLUDE:



PORTABLE SOLAR KIT ACCESSORIES (sold separately)

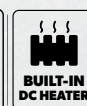
PART #	ITEM	DESCRIPTION
70356	GP-PSK-X30	30' Extension Cable
70357	GP-PSK-7PIN	7 Pin Trailer Adapter



SCAN ME!

To learn more about Portable Solar Kits

SUN CYCLE™ ADVANCED LITHIUM BATTERY



The NEW Sun Cycle® Advanced 12V 300Ah Lithium Battery adds enhanced safety and communication features to our flagship lithium battery line. This lightweight, Bluetooth-enabled LiFePO4 battery has an advanced BMS with a built-in smart DC heater, inter-battery balancing for multi-battery systems, reserve capacity feature and convenient mounting features. Stackable to 48V with a 10yr prorated warranty.



PART #	PRODUCT	CAPACITY	VOLTS	WEIGHT	DIMENSIONS
83240	GP-ADVLIPE04-300	300AH	12V	70.5 lbs / 32 kg	19.6 x 14.9 x 8.1 in
83156	GP-ADVLIPE04-100	100AH	12V	26.5 lbs / 12 kg	12.4 x 6.9 x 8.7 in

BATTERY ACCESSORIES

BATTERY CONNECTION CABLING & ACCESSORIES

PART NO.	PRODUCT	CABLE
83145	GP-RVC-BCR	ADV LFP TERMINATOR
83141	GP-ADV-BC-400	ADV LFP INTER-BATT HARNESS, 400MM (100AH)
83430	GP-ADV-BC-600	ADV LFP INTER-BATT HARNESS, 600MM (300AH)
83140	GP-RVC-BC	ADV LFP RV-C SYSTEM HARNESS



SCAN ME!

Get your parts list with our NEW Battery Configurator

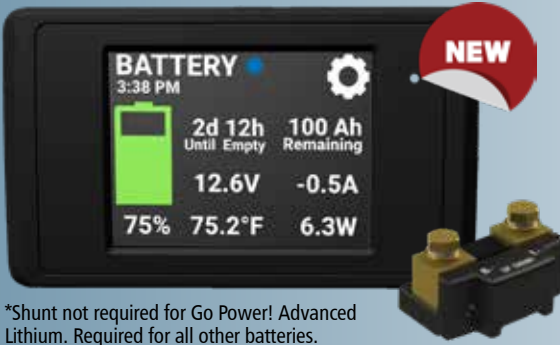
BATTERY INTERCONNECT BARS



- ✓ Clean, hassle-free installation
- ✓ Optimize power flow
- ✓ Available in 4 sizes

PART NO.	BATTERY INTERCONNECT BARS	USE WITH	USE WITH
83395	GP-RED-BIB-175	RED BATTERY INTERCONNECT BAR 175MM	100AH Advanced Lithium
83396	GP-RED-BIB-315	RED BATTERY INTERCONNECT BAR 315MM	
83397	GP-BLK-BIB-175	BLACK BATTERY INTERCONNECT BAR 175MM	
83398	GP-BLK-BIB-315	BLACK BATTERY INTERCONNECT BAR 315MM	
83450	GP-RED-BIB-380	RED BATTERY INTERCONNECT BAR 380MM	300AH Advanced Lithium
83451	GP-RED-BIB-500	RED BATTERY INTERCONNECT BAR 500MM	
83452	GP-BLK-BIB-380	BLACK BATTERY INTERCONNECT BAR 380MM	
83453	GP-BLK-BIB-500	BLACK BATTERY INTERCONNECT BAR 500MM	

Want to learn more? Go to gopowersolar.com for more detailed information.



BATTERY MANAGER



View your battery's performance with the Go Power! Battery Manager Kit (GP-BMG). Fit for all battery types, the Battery Manager gives you easy to understand battery stats at the push of a button. With integrated Bluetooth® Wireless Technology, you can view your battery's performance from your connected smart device. Features a 2-year warranty.

*Shunt not required for Go Power! Advanced Lithium. Required for all other batteries.

PART #	ITEM #	DESCRIPTION
83456	GP-SHUNT-500	Battery Shunt 500A
83457	GP-RVC-DIS-3	RV-C Display Remote 3.2" Touch Screen
83436	GP-SHUNT-PC	GP-Shunt Power Cable
83439	GP-RVC-EXT-25	RV-C Extension Cable, 25ft
83438	GP-RVC-ADPTR	RV-C Adapter Cable

Additional features include:

- ✓ Mobile support through the Go Power! Connect app
- ✓ Portrait or landscape orientation
- ✓ Includes a 500A max shunt
- ✓ Built-in light sensor for automatic dimming throughout the day
- ✓ Add "smart" features to older battery banks

SUN CYCLE™ AGM SOLAR BATTERIES



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.

PART #	ITEM	VOLTS	CAPACITY	WEIGHT	DIMENSIONS
76285	GP-AGM-100-12V	12v	110AH	67.5 lbs / 30.6 kg	12 x 6.6 x 8.1 in
77606	GP-AGM-224-6V	6v	224AH	67.3 / 30.5 kg	10.2 x 7 x 9.7 in

SUN CYCLE™ LITHIUM BATTERY



SCAN ME!
To learn more about Lithium Batteries

Go further off-the-grid with the new Go Power! Lithium Iron Phosphate solar batteries. Featuring a deeper depth-of-discharge, these batteries are built specifically for mobile applications, and are ideal for use in an RV.

PART #	ITEM	VOLTS	CAPACITY	WEIGHT	DIMENSIONS
82738	GP-LIFEP04-100	12v	100AH	36 lbs / 16.3 kg	12.9 x 7 x 9.2 in
82738	GP-LIFEP04-250		250AH	80 lbs / 36.3 kg	20.5 x 9.5 x 8.8 in
82958	GP-BMK-25	N/A	N/A	1.5lbs / 680g	3.9 x 2.4 x 0.7 in

Want to learn more? Go to gopowersolar.com for more detailed information.

IC Series™

INVERTER CHARGERS

**2000
OR
3000
WATTS**

**3in1
SYSTEM**

SPACE SAVING

**3
YEAR
WARRANTY**

**PURE
SINE WAVE**

**UL 458
and 1741**

**CSA 22.2
#107.1**

**Part 15,
Class B**



SCAN ME!
To learn more about
PowerTrak™ Configurator

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 GP-IC-R-50 Remote, 50' of cable, and a 3-year warranty. Included in Solar Extreme, Solar Elite, PowerTrak™ complete systems.

PART #	INVERTER CHARGER	WATTS	SURGE	BATTERY CHARGER	DIMENSIONS	POWERTRAK COMPATIBLE	TRANSFER SWITCH	INVERTER CABLE KIT	WEIGHT
80508	GP-IC-3000-12	3000	6000	125 amps	13.7 x 12.6	✓	2x 50 amps	GP-DC-KIT5	51.9 lbs
77586	GP-IC-2000-12	2000	4000	100 amps	x 8.1"	✓	2x 50 amps	GP-DC-KIT4	38.7 lbs

PART #	IC SERIES PACKAGE	WATTS	SURGE	BATTERY CHARGER	REMOTE INCLUDED	TRANSFER SWITCH	INVERTER CABLE KIT	WEIGHT
80055	GP-IC-3000-12-PKG	3000	6000	125 amps	GP-IC-R-50	2x 50 amps	GP-DC-KIT5	51.9 lbs
75013	GP-IC-2000-12-PKG	2000	4000	100 amps	GP-IC-R-50	2x 50 amps	GP-DC-KIT4	38.7 lbs

PART #	IC SERIES ACCESSORIES	APP CONNECTIVITY	POWERTRAK COMPATIBLE	DESCRIPTION	DIMENSIONS
77742	GP-IC-R	☉	☉	Backlit LCD Screen	5.9 x 3.3 x 2.7"
83457	GP-RVC-DIS-3	✓	✓	3" Color Touch-Screen	4.7 x 2.8 x 0.8"
83177	GP-IC-RVC-ADAPTER	✓	✓	Multiplex Adapter	N/A
82910	GP-RVC-IC-HARNESS	✓	✓	Adapter Harness	N/A



ADVANCED SINE WAVE INVERTER



**PURE
SINE
WAVE**

**EASY TO
INSTALL**

**LIGHT-
WEIGHT**

**AC
POWER**

UL 458

**Part 15,
Class A**



SCAN ME!
To learn more about
PowerTrak™

A 12V Sine Wave Inverter that is built for power flow optimization. Built in a durable, low-profile design with dual GFCI outlets. Pair with PowerTrak™ screen for complete device monitoring and control. Built in PowerTrak technology. 2-year warranty.

PART #	PURE SINE WAVE INVERTERS	POWERTRAK COMPATIBLE	OUTPUT (watts)	SURGE (watts)	INVERTER CABLE KIT	WEIGHT
83587	GP-ASW-3000	✓	3000	4800	Use GP-DC-KIT5	10.5 kg / 23.1 lbs
83588	GP-ASW-2000	✓	2000	4000	Use GP-DC-KIT4	8 kg / 17.6 lbs
83589	GP-ASW-1500	✓	1500	3000	Use GP-DC-KIT3	6 kg / 13.2 lbs
83590	GP-ASW-1000	✓	1000	2000	Use GP-DC-KIT2	5 kg / 11.0 lbs

Want to learn more? Go to gopowersolar.com for more detailed information.

INDUSTRIAL

PURE SINE WAVE INVERTERS

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 also available for 24 volt systems.



PART #	INVERTERS	OUTLETS	OUTPUT (watts)	SURGE (watts)	cULus	INVERTER CABLE KIT	REMOTES
78157	GP-ISW3000-12	-	3000	6000	✓	GP-DC-KIT5	GP-ISW-R / GP-SWR-A
78156	GP-ISW2000-12	2	2000	3500	✓	GP-DC-KIT4	GP-ISW-R / GP-SWR-A
79950	GP-ISW1500-12	2	1500	2650	✓	GP-DC-KIT3	GP-ISW-R / GP-SWR-A
79948	GP-ISW1000-12	2	1000	1750	✓	GP-DC-KIT2	GP-ISW-R / GP-SWR-A
79946	GP-ISW700-12	2	700	1230	✓	GP-DC-KIT2	GP-ISW-R / GP-SWR-A
82692	GP-ISW400-12	2	400	800	✓	GP-DC-KIT1	GP-SWR-A



HEAVY DUTY 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.

INVERTER REMOTES



GP-ISW-R
79999



GP-SWR-A
66886



GP-HD-R
82016



SCAN ME!

To learn more about Power Inverters

PART #	INVERTERS	OUTLETS	OUTPUT (watts)	SURGE (watts)	INVERTER CABLE KIT	REMOTES
80179	GP-5000HD-12	4	5000	10000	Use GP-DC-KIT5	GP-HD-R
80178	GP-3000HD-12	4	3000	6000	Use GP-DC-KIT5	GP-HD-R
80177	GP-1750HD-12	3	1750	3500	Use GP-DC-KIT3	GP-HD-R
801776	GP-1000HD-12	2	1000	2000	Use GP-DC-KIT2	GP-HD-R
80175	GP-800HD-12	2	800	1600	Use GP-DC-KIT2	GP-HD-R
80174	GP-400HD-12	2	400	800	Use GP-DC-KIT1	N/A
80173	GP-225HD-12	2	225	450	Adapter Included	N/A

Want to learn more? Go to gopowersolar.com for more detailed information.

SOLAR SIZING WORKSHEET



SCAN ME!
Use our interactive calculator online!

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			
12 Volt Fridge	10			
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*				
AC Fridge**	10			
TV	4			
CPAP	5.5			
Satellite Dish	4			
Microwave	100			
Toaster	66			
Coffee Maker	60			
Blender	12			
Cell Phone / Tablet	2			
Laptop Computer	5			
Other				
*All amperage ratings are based on a 12v system.				
**Fridge amps based on a 4.4 cubic foot fridge, running 12-hours/day.				
			Total amp hours per day	

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)	MPPT	AGM Battery Bank	Lithium Battery Bank
228	100W Retreat Kit	⊗	200Ah	100Ah
236	100W Slim Kit	⊗	200Ah	100Ah
236	110W Solar Flex Kit	⊗	200Ah	100Ah
403	200W Overlander Kit	⊗	200Ah	100Ah
397	190W Eclipse Kit (FLEX)	✓	200Ah	100Ah
403	200W Eclipse Kit (RIGID)	✓	200Ah	100Ah
470	200W Portable Solar Kit	⊗	200Ah	100Ah
472	200W - 100W Slim Kit + 100W Slim Expansion Kit	⊗	200Ah	100Ah
477	220W Solar Flex Kit	⊗	200Ah	100Ah
708	300W - 100W Slim Kit + 2x 100W Slim Expansion Kits	⊗	400Ah	200Ah
806	400W - 200W Overlander Kit + 200W Overlander Expansion Kit	⊗	400Ah	200Ah
806	400W - 200W Eclipse Kit + 200W Eclipse Expansion Kit	⊗	400Ah	200Ah
1190	570W - 190W Eclipse Kit (FLEX) + 2x 190W Eclipse Expansion Kits	✓	400Ah	400Ah+
1192	550W Solar Flex Kit	✓	400Ah	400Ah+
1209	600W - 200W Overlander Kit + 2x 200W Overlander Expansion Kits	⊗	400Ah	400Ah+
1209	600W - 200W Eclipse Kit (RIGID) + 2x 200W Eclipse Expansion Kits	✓	400Ah	400Ah+
1612	800W Solar All-Electric Kit	✓	800Ah+	800Ah+
2419	1200W Solar All-Electric Kit	✓	1000Ah+	1000Ah+

MOST POPULAR KIT

Amp Hours Per Week***	Recommended Complete Systems (DC and AC)	MPPT	AGM Battery Bank	Lithium Battery Bank
403	200W Weekender System	⊗	200Ah	100Ah
806	400W Solar Elite System	⊗	400Ah	250Ah
1209	600W Solar Extreme System	⊗	400Ah+	400Ah+
1612	800W Solar AE 4 & IC Series Inverter/Charger	✓	800Ah+	800Ah+
2419	1200W Solar AE 6 & IC Series Inverter/Charger	✓	1000Ah+	1000Ah+
806	400W PowerTrak™ System	✓	400Ah	300Ah
1612	800W PowerTrak™ System	✓	800Ah+	600Ah+
2419	1200W PowerTrak™ System	✓	1000Ah+	900Ah+

***Amp hours based on 6 hours of usable light

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		

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.

POSSIBLE TAX REBATE FOR US RESIDENTS

US Residents could qualify for the Residential Renewable Energy Tax Credit of up to 30% on the purchase of complete solar packages, batteries and most additions to current systems.

Customers are required to verify eligibility for this rebate before purchase. Go Power! does not guarantee this rebate.



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