

MOBILE SOLAR AND INVERTER SOLUTIONS

PRODUCT SELLING GUIDE



1.866.247.6527
gopowersolar.com



Go Power! | **DOMETIC**
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



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

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CHOOSING THE RIGHT SOLAR SOLUTION

What kind of panel should I choose?

Fixed, or roof mounted solar panels are more durable and user-friendly than ever, and portable solar solutions offer flexibility among other benefits. So how do you determine which solar panel is right for you? The first step to finding your ideal solar solution is understanding how and where you camp:



Weekend campers or those who favor overnight trips can get away with a small portable solar setup.



Full-time road warriors, or those who regularly overnight in parking lots or rest areas often choose fixed solar solutions.



Adventurous RVers who prefer remote locations may opt for portable systems if power requirements aren't too extreme.



'Power users', or RVers who want all the conveniences of home will need a robust rooftop solar installation. Or, a smaller rooftop system + portable panel to boost charging as needed.

Some other factors you'll need to consider are battery bank capacity, current and future power requirements and, of course, budget. Let's go through a few of the features and drawbacks of each type of solar kit.

ROOFTOP

- **Mobile charging:** Roof-mounted solar panels charge batteries anytime it's light out — even while traveling.
- **Scalability:** Many RVs and trailers can accommodate 500 to 1,000+ watts of solar panels on their roof. Start with a single panel and add more as your power needs grow.
- **Safety:** Fixed rooftop panels are relatively safe. Portable panels can be dropped, knocked over, or even stolen if left unattended.

Rigid

- **Built to last:** Backed by a 25-year power output warranty, rigid panels stand up to father time and mother nature.
- **Cost Per Watt:** Rigid solar panels generate more power per dollar than the solar options on the market.



Flex

- **Low Profile:** SolarFlex™ panels can conform to your RV's rooftop, and are up to 80% lighter than rigid panels.
- **More Installation Options:** These panels can be securely mounted with either an adhesive or screws.

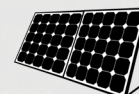


PORTABLE

- **Flexibility:** Park in the shade then place the portable panel place in the sun when you want to start charging.
- **Easy to use:** No drilling holes, mounting panels on the roof, or running cables through the RV. Easy to move the panel from one RV to another.
- **Entry level:** RV owners can begin reaping the benefits of solar with a portable solar kit.

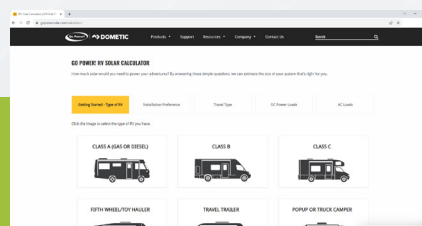
Aluminum Kits

- **Longevity:** The strong frame paired with tempered glass means you don't have to worry about dings or scratches.
- **Maximum Power:** Aluminum portable kits house the best quality solar cells, which maximizes solar performance.



Lightweight Kits

- **Truly portable:** These portable panels are sleek and lightweight, ideal for weight-conscious travellers.
- **Expandable:** Solar kits like the Go Power! DuraLite kit can be easily expanded as your power needs grow.



FOR MORE SIZING OPTIONS USE OUR ONLINE SOLAR CALCULATOR
gopowersolar.com/calculator

FREQUENTLY ASKED QUESTIONS ABOUT MOBILE POWER

“What Will an RV Solar System Cost?”

How much a solar system costs depends on what is required from it. If a significant amount of electricity is used, more equipment is needed, which will raise the overall price of your investment.

RV solar panel kits vary in price, starting at around \$500, which is about the cost of a portable gas generator. Kits in this range will include the panel, solar charge controller, mounting kit and cables. Complete systems that provide AC and DC power start around \$1200 and provide the inverter, fuses, and other components required to convert the battery power into usable household power.

One thing to note, however, is that batteries are rarely provided with solar kits. The costs of battery upgrades vary significantly from lower-end budget choices like Lead Acid or AGMs, or more substantial investments like Lithium.

“How long can solar run electronics or appliances?”

Electronics and appliances don't run directly on solar. Solar charges the batteries, which can then be used to power 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 DC or AC power. DC fridges can run directly off your RV's battery, or “gas tank”. However, AC fridges and many TVs run on 120-volt (AC) power like at home, you will need to install a power inverter as well, which converts 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.

“What types of solar panels are there?”

Rigid solar panels:

Built to last, these rigid solar panels generate more power per dollar than other solar options on the market

Portable solar panels:

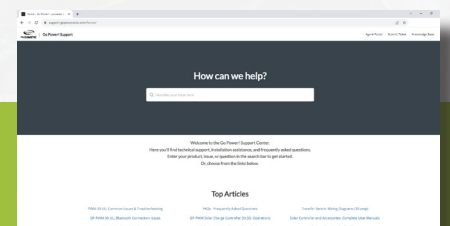
Portable, (or “suitcase” style) panels require no installation and ideal for weight-conscious travelers and entry-level RVers

Flexible solar panels:

Low-profile and lightweight panels can conform to your RV's rooftop, and are up to 80% lighter than rigid panels

“How can I measure my daily battery consumption?”

RV owners can determine a usage estimate by starting with a full battery and measuring the voltage of the battery after a full day of camping. This requires that you have a battery bank large enough to handle a day's worth of usage in the RV, consider a Kill-A-Watt meter: a device that you place between your RV and shore power to calculate how many watts have been used automatically.



HAVE MORE QUESTIONS? VISIT OUR SUPPORT PAGE

<https://support.gopowersolar.com/home>

DEALER RESOURCES

WHY GO POWER?

LEADING INNOVATORS OF SOLAR AND MOBILE POWER SINCE 1996

From our beginnings as a small Canadian distributor of solar energy products, Go Power! has grown to become one of North America's leading suppliers of recreational and business solar solutions.

Now a subsidiary of the Dometic family of Products, Go Power! provides a full range of high-quality solar chargers, inverters, controllers and power accessories — dependable and cost-effective mobile power solutions when grid power is unavailable or unsustainable.

GO POWER! SUPPORT

DEDICATED TO CUSTOMER SERVICE

At Go Power! we're not only committed to providing you with the best mobile solar solutions available, we're also dedicated to great customer service. We offer an extensive library of online resources, as well as dedicated customer support.

Visit our dealer portal at gopowersolar.com/dealer-resources

Or, find quick answers to customer questions by using our bot

Or call us at 1-866-247-6527 to speak with a member of our team for more technical questions.



IN-STORE MARKETING



Add a little solar to your showroom. Go Power! offers dealers in-store marketing and POP items.

SIZING & CONFIGURATORS



Size solar systems, build battery banks and get parts lists for your customer builds.

DEALER TRAINING



Learn the ins-and-outs of mobile power systems and the installation process. In person and webinar training available.

POWERTRAK

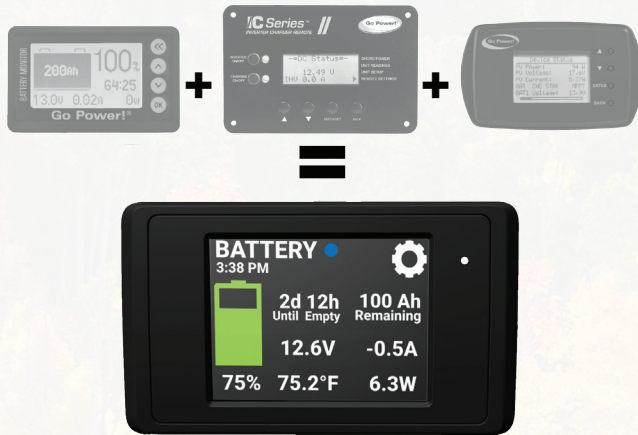
MOBILE POWER MADE EASY

NEW

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



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



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.

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.

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.

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



400
WATTS

1-4
days

2
Panels
Included



ROBUST OFF-GRID POWER

GP-PT-400 | 83535

- 400 watts, 19.2 amps of solar (2x 200W modules)
- Smart 30A MPPT charge controller
- NEW 3" colour touch-screen remote display
- 3000 watt pure sine wave inverter charger with built-in 100 amp battery charger and 50 amp transfer switch
- Comes with all cabling and installation equipment

RECOMMENDED
PAIR WITH 300AH+
ADVANCED LITHIUM

800
WATTS

4-7
days

4
Panels
Included



OFF-GRID ADVENTURER

GP-PT-800 | 83536

- 800 watts, 38.4 amps of solar (4x 200W modules)
- 2x Smart 30A MPPT charge controllers
- NEW 3" colour 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

7+
days

6
Panels
Included



CONNECTED FULL-TIME RVING

GP-PT-1200 | 835357

- 1200 watt, 57.6 amps of solar (6x 200W modules)
- 3x Smart 30A MPPT charge controllers
- NEW 3" colour 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.



SOLAR CHARGING KITS

MPPT SOLAR CHARGING KITS

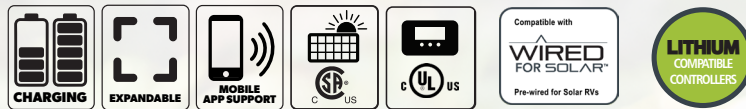


These MPPT Kits can be expanded to 3000-watts (using stackable controllers) and paired with PowerTrak Smart Systems. Kits come complete with all cables, mounting hardware and NEW 3" color touch screen remote display.

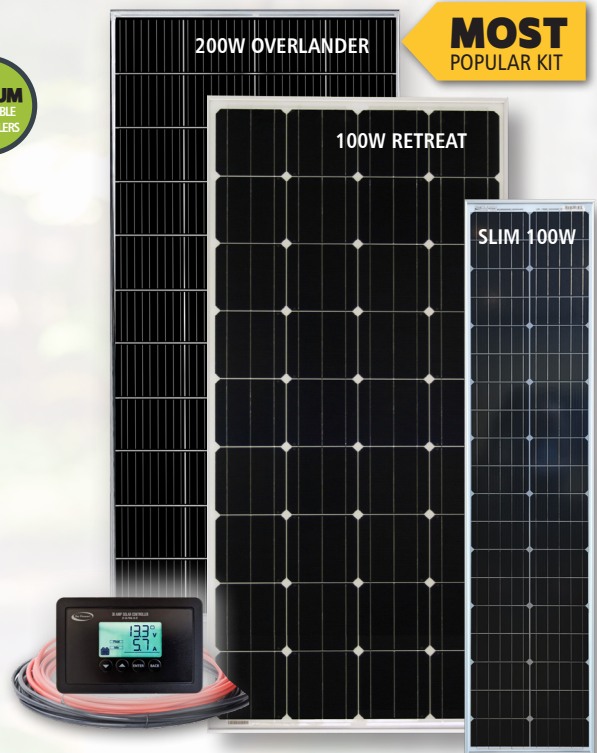


| PART # | SOLAR KITS | AMPS | WATTS | CONTROLLER | DIMENSIONS | FRAME |
|--------|-----------------------|------|-------|--------------------|----------------------|------------------|
| 83312 | SOLAR AE-6 | 57.6 | 1200 | GP-RVC30-MPPT (x3) | 59.1 x 26.3 x 1.5 in | SILVER ALUMINUM |
| 83311 | SOLAR 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 | 30A MPPT | 59.1 x 26.3 x 1.5 in | BLACK ALUMINUM |
| 83069 | GP-ECLIPSE-FLEX-190 | 9.6 | 190 | 30A 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 | 9.6 | 190 | N/A | 55.9 x 27.2 x 0.1 in | BLACK SOLARFLEX™ |

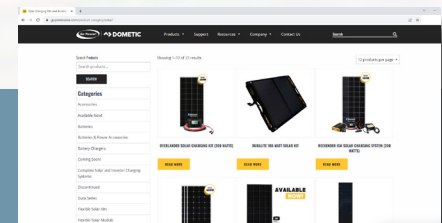
PWM SOLAR CHARGING KITS



| PART # | SOLAR KITS | AMPS | WATTS | CONTROLLER | PANEL DIMENSIONS |
|--------|----------------|------|--------|------------|----------------------|
| 83294 | OVERLANDER | 9.6 | 200 | 30 amp PWM | 59.1 x 26.3 x 1.5 in |
| 83299 | RETREAT | 5.4 | 100 | 30 amp PWM | 48.0 x 21.5 x 1.3 in |
| 83300 | SLIM-100 | 4.7 | 100 | 30 amp PWM | 14.0 x 60.2 x 1.6 in |
| 83307 | SLIM-BLK-100 | 4.7 | 100 | 30 amp PWM | 14.0 x 60.2 x 1.6 in |
| 83305 | GP-FLEX-220 | 11.2 | 2x 110 | 30 amp PWM | 44.6 x 21.4 x 0.1 in |
| 83304 | GP-FLEX-110 | 5.6 | 110 | 30 amp PWM | 44.6 x 21.4 x 0.1 in |
| 83303 | GP-FLEX-55 | 2.8 | 55 | 10 amp PWM | 42.1 x 11.3 x 0.1 in |
| 83302 | GP-FLEX-35 | 1.7 | 35 | 10 amp PWM | 24.4 x 14.9 x 0.1 in |
| 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

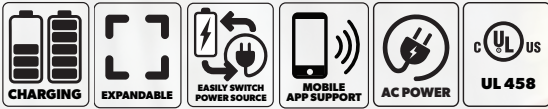


TO VIEW MORE KITS VISIT OUR WEBSITE
<https://gopowersolar.com/product-category/solar>

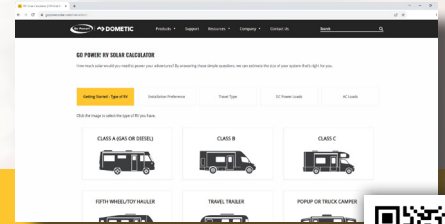
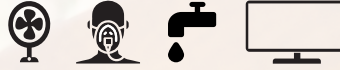
WANT TO LEARN MORE? GO TO GOPOWERSOLAR.COM FOR MORE DETAILED INFORMATION.

SOLAR & INVERTER SYSTEMS & PORTABLE SOLAR

MOBILE POWER SYSTEMS



OFF GRID POWER FOR APPLIANCES



SCAN ME!

To learn more about sizing



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.



Pair with: 200AH+ AGM
100AH+ LITHIUM



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.



Pair with: 400AH+ AGM
200AH+ LITHIUM



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: 500AH+ AGM
250AH+ LITHIUM

DURALITE

100 WATT DURALITE PORTABLE SOLAR KIT

DuraLite kits are expandable up to 300-watts, and feature integrated kickstands and 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 options.

| 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 |



SCAN ME!

To learn more about portable kits



PORTABLE KITS INCLUDE:



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

PORTABLE SOLAR KIT ACCESSORIES (sold separately)

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

WANT TO LEARN MORE? GO TO GOPOWERSOLAR.COM FOR MORE DETAILED INFORMATION.

SOLAR READY BATTERIES

SUN CYCLE™ ADVANCED LITHIUM BATTERY

NEW

The NEW Sun Cycle® Advanced 12V 100Ah Lithium Battery adds enhanced safety and communication features to our flagship lithium battery line. Can be wired in series or parallel. ETL listed to UL specifications and CE/UKCA certified.



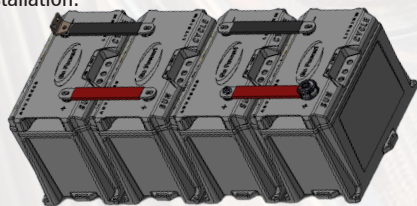
| PART # | PRODUCT | AMPS | VOLTS | WEIGHT | DIMENSIONS |
|--------|-------------------|-------|-------|----------------|---------------------|
| 83240 | GP-ADVLIFEPO4-300 | 300AH | 12V | 70lbs / 32 kg | 19.6 x 14.9 x 8.1in |
| 83156 | GP-ADVLIFEPO4-100 | 100AH | 12V | 28.7lbs / 13kg | 10.9 x 7.4 x 8.6 in |

- ✓ Bluetooth®-enabled, smart features and RV-C compatibility
- ✓ Use with Go Power! solar controllers and NEW battery manager for optimal solar charging
- ✓ Built in mounting options
- ✓ Built-in DC heater
- ✓ IP68 waterproof (should not be submerged)
- ✓ 10-year warranty
- ✓ Improved Battery Management System (BMS) protects against:
 - Over and under voltage
 - Over and under temperature
 - Charge and discharge over current
 - Short circuit

BATTERY ACCESSORIES

BATTERY INTERCONNECT BARS EXAMPLE

- ✓ Fits Go Power! Advanced Lithium batteries.
- ✓ Clean, hassle-free installation.
- ✓ Available in 4 sizes



| PART # | BATTERY INTERCONNECT BARS | USE WITH | USE WITH |
|--------|---------------------------|--------------------------------------|------------------------|
| 83395 | GP-RED-BIB-175 | RED BATTERY INTERCONNECT BAR 175MM | |
| 83396 | GP-RED-BIB-315 | RED BATTERY INTERCONNECT BAR 315MM | 100AH Advanced Lithium |
| 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 | |
| 83451 | GP-RED-BIB-500 | RED BATTERY INTERCONNECT BAR 500MM | 300AH Advanced Lithium |
| 83452 | GP-BLK-BIB-380 | BLACK BATTERY INTERCONNECT BAR 380MM | |
| 83453 | GP-BLK-BIB-500 | BLACK BATTERY INTERCONNECT BAR 500MM | |

SUN CYCLE™ LITHIUM BATTERY

Fast-charging, lightweight solar energy storage. Reliable, high efficiency, maintenance-free power. Battery Management System with built-in safety features. ETL listed to UL standards- 10-year warranty.

| PART # | ITEM | VOLTS | CAPACITY | WEIGHT | DIMENSIONS |
|--------|----------------|-------|----------|------------------|---------------------|
| 82738 | GP-LIFEPO4-100 | 12v | 100AH | 36 lbs / 16.3 kg | 12.9 x 7 x 9.2 in |
| 82738 | GP-LIFEPO4-250 | | 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 |



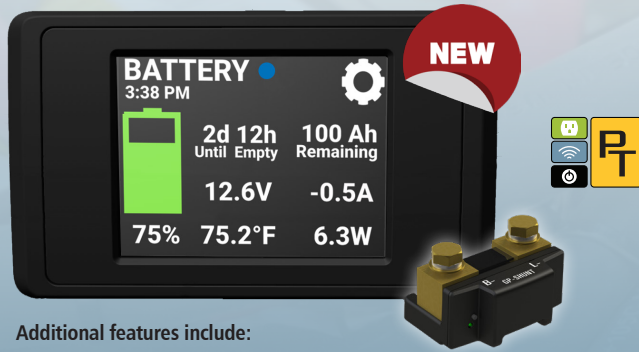
SUN CYCLE™ AGM SOLAR BATTERIES

Available in 6V and 12V. Specifically designed for solar, the AGM deep-cycle batteries offer maintenance-free, sealed construction and integrated carrying handles. UL listed - 2-year warranty.

| PART # | BATTERY | VOLTAGE | CAPACITY | WEIGHT | DIMENSIONS |
|--------|----------------|---------|----------|----------|--------------------|
| 76285 | GP-AGM-100-12V | 12V | 100AH | 67.5 lbs | 12 x 6.6 x 8.1in |
| 77606 | GP-AGM-224-6V | 6V | 224AH | 67.3 lbs | 10.2 x 7.1 x 9.7in |



POWER ACCESSORIES & CONTROLLERS



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.

Additional features include:

- ✓ Portrait or landscape orientation
- ✓ Includes a 500A max shunt
- ✓ Built-in light sensor for automatic dimming throughout the day
- ✓ Compatible with other technology
- ✓ Add "smart" features to older battery banks

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

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

MPPT SOLAR CONTROLLERS

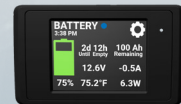
30 AMP MPPT RV-C COMPATIBLE SOLAR CONTROLLER



- Stack up to 5 controllers, for a maximum of 3000w of solar or 150A
- Easily integrated with on-board communications systems
- Wire in series up to 100V
- Dual battery charging
- Supports multiple battery chemistries
- Reacts faster to changes in solar conditions
- Up to 98% power conversion efficiency



OPTIONAL
BLUETOOTH®
REMOTE



Conveniently set and view essential charge information remotely with the GP-RVC-DIS-3. **NEW**

INCLUDED IN THE FOLLOWING KITS:

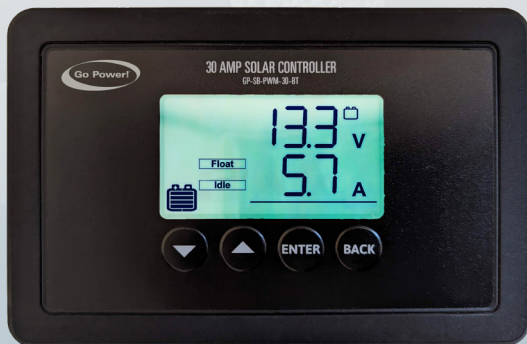
SOLAR AE-4 • SOLAR AE-6 • ECLIPSE • ECLIPSE-FLEX

| PART # | MPPT RV-C |
|--------|---------------------------------|
| 82890 | GP-RVC-30-MPPT 30A |
| 82959 | GP-RVC-DIS-3 Bluetooth®-enabled |

| PART # | ACCESSORY | CABLE |
|--------|-------------|---|
| 83031 | GP-RVC-PC | GP-RVC-PC: PARALLEL CABLE FOR 2x GP-RVC-30-MPPT CONTROLLER |
| 83032 | GP-RVC-PC-E | GP-RVC-PC-E: PARALLEL CABLE FOR +2x GP-RVC-30-MPPT CONTROLLER |

PWM SOLAR CONTROLLERS

10 & 30 AMP SINGLE-BANK SOLAR CONTROLLERS



Pulse width modulated (PWM) solar charging. Prevent battery overcharging with the new 12 volt flush-mounted, single-bank solar charge controllers rated for up to 10 and 30-amps. Included in most solar kits and complete systems. 5-year warranty.

- ✓ Back lit LCD screen displays charging current, battery voltage and battery state of charge
- ✓ Improved enclosure and button functions
- ✓ Enhanced Bluetooth® performance on 30A model
- ✓ Suitable for 12V solar systems
- ✓ 4-stage charging
- ✓ Easy to install, easy to operate
- ✓ Front screw cover bevel

Available on the 30A Solar Controller

| PART # | CONTROLLER | BLUETOOTH |
|--------|-----------------|-----------|
| 82855 | GP-SB-PWM-30-BT | YES |
| 83133 | GP-SB-PWM-10 | NO |

INCLUDED IN THE FOLLOWING KITS:

ECO • OVERLANDER • RETREAT • SLIM • FLEX • WEEKENDER ISW • SOLAR ELITE • SOLAR EXTREME

SOLAR READY INVERTERS & INVERTER CHARGERS

IC Series™

INVERTER CHARGERS

2000 OR 3000 WATTS

3in1 SYSTEM

SPACE SAVING

3 YEAR WARRANTY



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. Included in Solar Extreme, Solar Elite, PowerTrak™ complete systems.

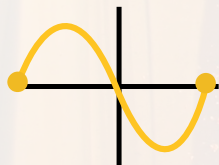
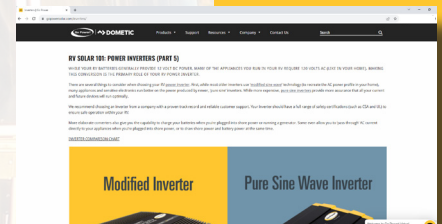
| PART # | INVERTER CHARGER | WATTS | SURGE | BATTERY CHARGER | DIMENSIONS | POWERTRAK COMPATIBLE | TRANSFER SWITCH | INVERTER CABLE KIT | WEIGHT |
|--------|------------------|-------|-------|-----------------|-------------|----------------------|-----------------|--------------------|----------|
| 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 | 2x 50 amps | GP-DC-KIT5 | 51.9 lbs |
| 75013 | GP-IC-2000-12-PKG | 2000 | 4000 | 100 amps | GP-IC-R | 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 |

SCAN ME!

To learn more about Inverters



ADVANCED SINE WAVE INVERTER



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

POWER INVERTERS

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.



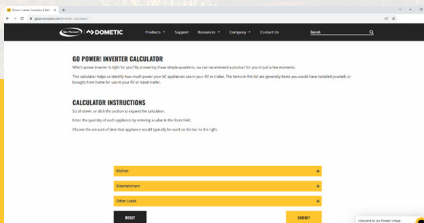
| PART # | INVERTERS | OUTLETS | OUTPUT (watts) | SURGE (watts) | cULus | INVERTER CABLE KIT | REMOTES |
|--------|---------------|---------|----------------|---------------|-------|--------------------|---------------------|
| 78157 | GP-ISW3000-12 | - | 3000 | 6000 | ✓ | GP-DC-KIT5 | GP-ISW-R / GP-SWR-A |
| 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 |

HD 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**.



| 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 |



**SIZE YOUR INVERTER NEEDS WITH OUR
INVERTER CALCULATOR**
gopowersolar.com/inverter-calculator



POWER ACCESSORIES

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

| PART # | TRANSFER SWITCH | AMPS |
|--------|-------------------|------|
| 70278 | TS-50 | 50 |
| GPTS | GP-TS (PRE-WIRED) | 30 |
| 64403 | TS-30 | 30 |

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.



| PART # | CONVERTER/CHARGER | AMPS |
|--------|-------------------|------|
| 66912 | GPC-100-MAX | 100 |
| 66170 | GPC-75-MAX | 75 |
| 66169 | GPC-55-MAX | 55 |
| 66168 | GPC-45-MAX | 45 |
| 66167 | GPC-35-MAX | 35 |



Breaker Kits

Reusable breakers replace fuse kits in AC installations. Kits come with properly gauged wiring and can be used for installations up to 3000-watts.

| PART # | BREAKER KIT | USE WITH |
|--------|-----------------------|------------|
| 83352 | GP-DC-BREAKER-KIT-175 | 1500-2000W |
| 83353 | GP-DC-BREAKER-KIT-250 | 2000-3000W |



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.

| PART # | INVERTER FUSE & CABLE KITS | WIRE | FUSE | USE WITH |
|--------|----------------------------|------|---------|--------------------------|
| 82640 | GP-DC-KIT5 | 4/0 | 400 amp | 2600-4000 Watt Inverters |
| 82639 | GP-DC-KIT4 | 2/0 | 300 amp | 2000-2500 Watt Inverters |
| 82638 | GP-DC-KIT3 | #2 | 200 amp | 1100-1800 Watt Inverters |
| 82637 | GP-DC-KIT2 | #4 | 100 amp | 600-1000 Watt Inverters |
| 82015 | GP-DC-KIT1 | #6 | 60 amp | 100-500 Watt Inverters |

Inverter Remotes

Controls an inverter with the touch of a button.



| PART # | INVERTER REMOTES | USE WITH |
|--------|------------------|---|
| 82016 | GP-HD-R | GP-800HD, 1000HD, 1750HD, 3000HD, 5000HD |
| 66886 | GP-SWR-A | GP-ISW200, 400, 700, 1000, 1500, 2000, 3000 |
| 79999 | GP-ISW-R12 | GP-ISW700, 1000, 1500, 2000, 3000 |

Inverter Fuses & Fuse Blocks



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

| PART # | FUSES & BLOCKS | AMPS |
|--------|----------------|------|
| 43979 | FBL-400 | 400 |
| 44227 | FBL-300 | 300 |
| 44226 | FBL-200 | 200 |
| 44063 | FBL-110 | 110 |

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 fridge 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

| | 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+ |



CLASS B / CAMPER VAN



TRAVEL TRAILERS (25FT +)



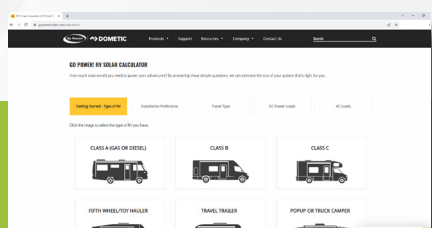
SMALL TRAVEL TRAILER POP-UP / TRUCK CAMPER

| | 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+ |

RESOURCES FOR RV SOLAR SIZING

With more and more RVs coming off the line wired for solar panels, one of the questions a lot of dealers are being asked is, "how much solar do I need?" This Tech Tip will cover the basics for quick and easy solar sizing.

How much power do they need? Consider how many days they'll be off the grid and how much energy will be used. If the customer is unsure about their needs, suggesting a single solar panel is a great place to start. Most are expandable so they can add more solar as their power needs grow or change.



FOR MORE SIZING OPTIONS USE OUR ONLINE SOLAR CALCULATOR
gopowersolar.com/calculator



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

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.

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+ |
| 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 per day.

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.

