

THE POWER OF  
**REDARC**

**SOLAR POWER.**



**ENDLESS  
POWER.**

REDARCELECTRONICS.COM/SOLAR



**SET AND  
FORGET.**



**LIGHTWEIGHT.**



**SPACE  
SAVING.**



## SOLAR POWER.

Adding solar to your camping or touring setup is essential if you're wanting to go off-grid and spend more time adventuring. Whether it's portable or fixed, REDARC have you covered.

No more melted ice, no more warm drinks, no more compromises. Leave the crowds behind, and get off-grid with REDARC's 12 volt solar range. Harness the power of the sun with flexible solar blankets, portable folding panels and permanent fixed panels available in 50 to 200 watt capacities, and supported by a complete range of accessories.

- Use solar power to charge 12 volt automotive, marine and recreational vehicle battery systems
- Superior Grade-A cell technology
- Ultra-lightweight
- Small footprint
- Easy to set up
- Industry-standard, genuine Anderson™ SB™ 50 plug connectors on folding panels and blankets

### BATTERY CHARGERS AND BATTERY MANAGEMENT SYSTEMS.

For the ultimate off-grid power set up, pair your solar panels with REDARC's range of BCDC Dual In-Vehicle DC-DC Chargers or Manager30 Battery Management System.

Both systems feature next-generation battery charging technology and Maximum Power Point Tracking (MPPT) solar regulators, so a separate regulator is not required.

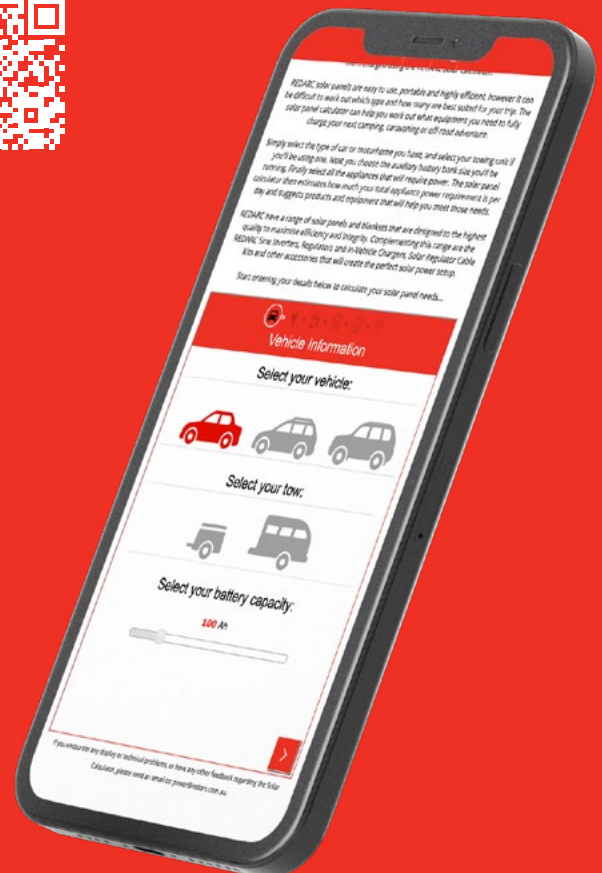
You can charge from both solar and the alternator simultaneously. And, with built-in Green Power Priority, it will select solar charging first, meaning less load on your alternator.



### REDARC SOLAR CALCULATOR

The REDARC solar calculator provides a guide to which solar products are best suited to your needs.

To access the solar calculator scan the QR code or visit [redarcelectronics.com/solarcalculator](https://redarcelectronics.com/solarcalculator)





## SOLAR BLANKETS AND PANELS.

The first step in generating electricity from the sun is with a good quality solar panel. REDARC's solar panels are built using the highest quality materials for the toughest conditions.

### SOLAR BLANKETS.

If you live in your van or car, or travel for long periods; space is at a premium. Our flexible and convenient solar blankets are the way to go. REDARC's solar blankets can be folded up into a neat package and offer flexibility that's not available with fixed or folding panels; they can be draped over the bonnet or windscreen, laid on the ground or hung off the side of your awning. No matter where the sun is coming from, REDARC's solar blankets have you covered. When it's time to hit the road, just fold it up, and slide it under the car seat.



**SMFB1160**  
160W, monocrystalline cells



**SMFB1240**  
240W, monocrystalline cells



**SMFB1300**  
300W, monocrystalline cells



**SAF1112**  
112W, amorphous cells

### FOLDING MONOCRYSTALLINE PANELS.

If you're only travelling a few times a year and your priorities are ease of use, value and flexibility, portable folding solar panels are a great option. REDARC's next-generation folding solar panels offer a small, ultra-lightweight solution, making them quick and easy to set up and pack down. They're up to 50% lighter than other popular panels on the market and available in 120 and 200 watt options. Due to their high portability, they're quick to move so you can make the most of patchy sunlight.



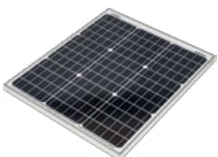
**SPFP1120**  
120W, monocrystalline cells



**SPFP1200**  
200W, monocrystalline cells

### FIXED MONOCRYSTALLINE PANELS.

For the seasoned adventurer or self-confessed gray nomad who plans to travel for longer periods of time, you might be looking for a permanent, no fuss solution. Fixed panels will be the best option, especially for caravans and camper trailers, while also being the most cost-effective option. REDARC's fixed solar panels offer simplicity. Being fixed to either your car, camper trailer or caravan means you never have to worry about adjusting the angle, positioning, or setting up. REDARC's fixed solar panels are available in range of sizes from 50 to 200 watts, offering plenty of flexibility when designing the setup to fit your roof.



**SMSP1050**  
50W, monocrystalline cells  
23.2" x 19.9" x 1.4"



**SMSP1080**  
80W, monocrystalline cells  
27.6 x 26.4" x 1.4"



**SMSP1120**  
120W, monocrystalline cells  
39.6" x 26.4" x 1.4"

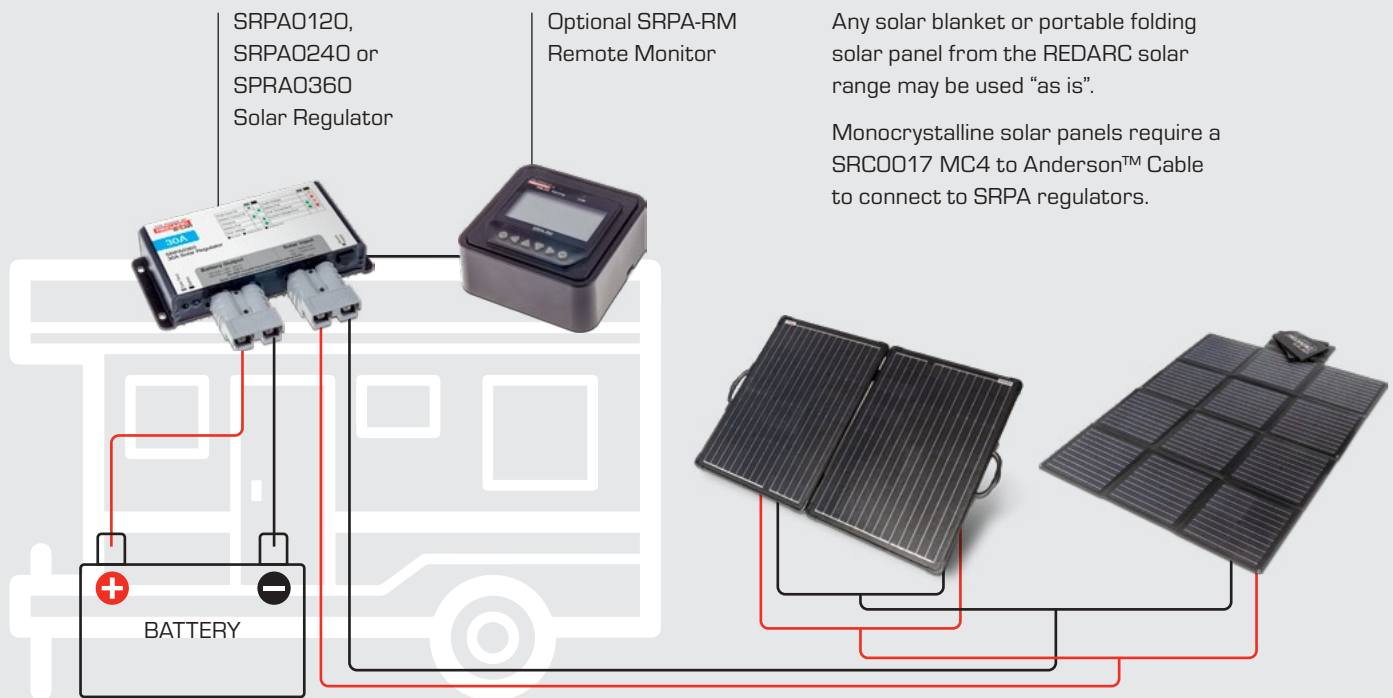


**SMSP1180**  
180W, monocrystalline cells  
58.1" x 26.4" x 1.4"



**SMSP1200**  
200W, monocrystalline cells  
43.7" x 39.1" x 1.4"

## ANDERSON RANGE SOLAR REGULATOR AND REMOTE MONITOR INSTALLATION.



	FIXED PANELS	FOLDING PANELS	FOLDING BLANKETS
The seasoned adventurer looking for a permanent, no fuss solution	✓		
Trailer and camper trailers	✓	✓	✓
The weekend warrior/travelling only a few times a year		✓	✓
Those not wanting to make vehicle alterations		✓	✓
Those not planning on owning vehicle for a long period of time		✓	✓
Those living in their van or car where space is at a premium	✓		✓
Additional solar to use alongside fixed panel		✓	✓

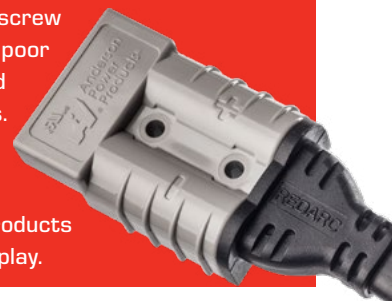
### WHY ANDERSON?

Anderson™ plugs are common connections for recreational vehicles.

REDARC uses industry-standard, genuine Anderson™ SB™ 50 connectors across the solar range.

These high quality Anderson™ plugs are simple and fast to connect with no screw terminals and no risk of poor connections from frayed wires or loose terminals.

For the most part, no tools are required to connect your solar products together - just plug and play.



### SPECIFICATIONS.

To see specifications for all products in this brochure scan this QR code.



## CABLES AND CONNECTORS.

REDARC's extensive range of cables and connectors offer easy connection to the solar range, with the ability to set up camp in a shady area but still get the most out of the sun. What's more, they can be easily used with REDARC's BCDC and Battery Management System ranges.

### PANEL TO REGULATOR CABLES.



**SRC0008**  
4.9' (1.5m) Anderson™ to Anderson™ Cable



**SRC0001**  
16.4' (5m) Regulator to Panel Cable



**SRC0018**  
16.4' (5m) Anderson™ to Anderson™ Cable



**SRC0002**  
32.8' (10m) Regulator to Panel Cable



**SRC0019**  
32.8' (10m) Anderson™ to Anderson™ Cable



**SRC0003**  
4.9' (1.5m) Regulator to Battery Cable

### REGULATOR TO BATTERY CABLES.



**SRC0009**  
4.9' (1.5m) Anderson™ to Battery Clip Cable



**SRC0010**  
4.9' (1.5m) Anderson™ to Battery Eyelet Cable

### CONNECTOR CABLES.



**SRC0017**  
4.9' (1.5m) MC4 to Anderson™ Connector Cable



**SRC0016**  
4.9' (1.5m) Anderson™ to Bare Wire Cable

### MULTI-PANEL CABLE ACCESSORIES.



**SRC0011**  
1.0' (0.3m) Anderson™ Series Cable



**SRC0012**  
1.0' (0.3m) Anderson™ Parallel Cable



**SRC0006**  
Positive and Negative MC4 Y Adapters

## SOLAR REGULATORS AND MONITORS.

Generating electrical power from the sun is the first step in the process. REDARC's range of regulators and monitors converts that power to a form that allows you to keep your batteries fully charged and in top condition.

### ANDERSON™ SOLAR REGULATORS.

Available in 10, 20 and 30 amp ratings, featuring multi-stage charging (boost, absorption and float) REDARC's solar regulators ensure the correct charge is supplied safely and efficiently, protecting batteries from overcharging.

REDARC's solar regulators work with AGM, standard and calcium batteries, are ideal for fixed or portable systems and have multiple levels of protection including over temperature, over charge and reverse polarity.

SRPA regulators are designed for use with the solar blankets and folding solar panels. They can also be used with fixed solar panels when the MC4 to Anderson™ connector cable (SRC0017) is used.



**SRPA0120**  
10A regulator with Anderson™ connectors



**SRPA0240**  
20A regulator with Anderson™ connectors



**SRPA0360**  
30A regulator with Anderson™ connectors

### SOLAR REMOTE MONITOR.

REDARC's 12/24 volt solar monitor with a large, 3" back-lit LED display allows you to monitor the solar panels, battery and system information.

It provides panel charging information, real time system monitoring and allows battery and configuration changes to the solar regulator.



**SRPA-RM**

THE POWER OF  
**REDARC**

**REDARCELECTRONICS.COM**

For free product support contact REDARC Tech Support on the numbers below or send an email to [power@redarcelectronics.com](mailto:power@redarcelectronics.com). A complete list of distributors can be found at [redarcelectronics.com/distributors](http://redarcelectronics.com/distributors).

**Local calling numbers**

USA +1 (704) 247-5150  
Canada +1 (604) 260 5512  
Mexico +52 (558) 526 2898

**International head office**

23 Brodie Road North, Lonsdale  
South Australia, Australia 5160  
Email [power@redarcelectronics.com](mailto:power@redarcelectronics.com)

8am to 5.30pm Australian Central Standard Time Monday to Friday