

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 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

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.

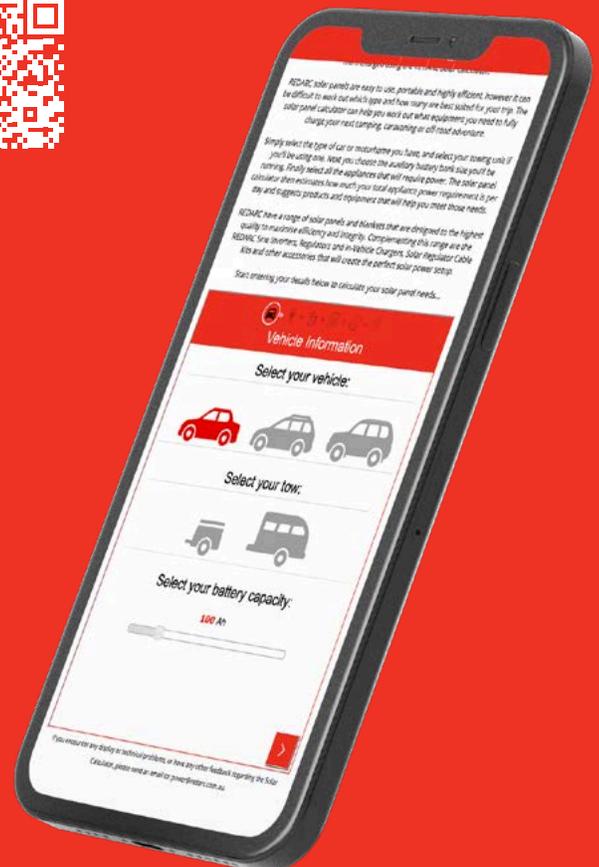
You can charge from both solar and the alternator simultaneously. And, with built-in Green Power Priority, it will select solar charging first, meaning less load on your alternator.



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



SOLAR 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.

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
Monocrystalline cells



SPFP1200
Monocrystalline cells



SPFP1120-K
Monocrystalline folding solar panel kit



SPFP1200-K
Monocrystalline folding solar panel kit

FIXED MONOCRYSTALLINE PANELS.

For the seasoned adventurer who plans to travel for longer periods of time, you might be looking for a permanent, no fuss solution. REDARC's fixed solar panels offer simplicity. Being fixed to either your truck, RV or camper trailer 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
Monocrystalline cells



SMSP1080
Monocrystalline cells



SMSP1120
Monocrystalline cells

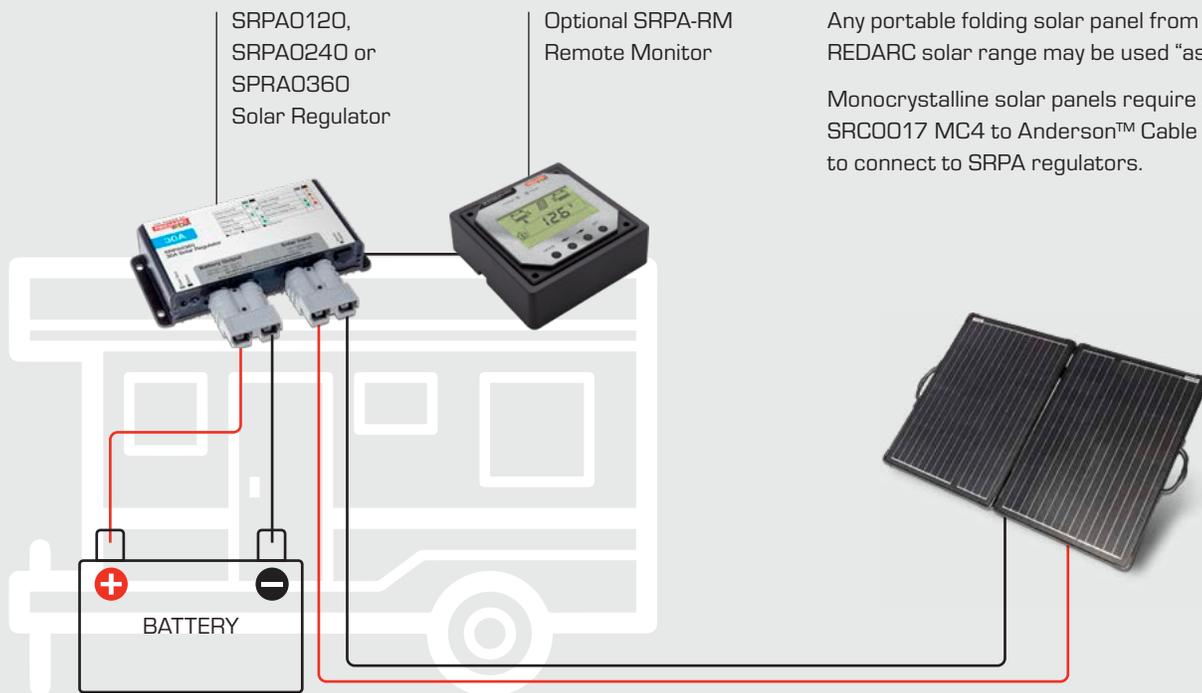


SMSP1180
Monocrystalline cells



SMSP1200
Monocrystalline cells

ANDERSON RANGE SOLAR REGULATOR AND REMOTE MONITOR INSTALLATION.



	FIXED PANELS	FOLDING PANELS
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) Panel to Regulator Cable



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



SRC0002
32.8' (10m) Panel to Regulator Cable



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



SRC0003
4.9' (1.5m) Panel to Regulator 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 REDARC 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

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For free product support contact REDARC Tech Support on the numbers below or send an email to power@redarcelectronics.com.

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

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