

# Amorphous solar blankets

THE POWER OF  
**REDARC**<sup>®</sup>  
**SOLAR**

Save room with an ultra-compact, lightweight Redarc amorphous solar blanket.

With amorphous solar panels laminated onto a durable canvas backing, they're a third of the weight of comparable size folding solar panel kits - and there's no glass to break.

Redarc's solar blankets team up perfectly with our in-vehicle battery chargers to keep your auxiliary batteries charged to their maximum.

- Produces energy even in low light or partial shade
- Folds away as easily as a blanket
- The lightest panel in our solar system



Welcome to our solar system



Drape it over your windshield, awning or just spread it out on the ground... our amorphous solar blankets are tough.

And, when you're finished using it just fold it up and store it in the boot.

If you're looking for a lightweight, flexible solar panel, Redarc's amorphous solar blankets are sure to fit the bill.

## Works with...



### BCDC in-vehicle battery chargers

With an in-built MPPT solar regulator, a BCDC in-vehicle charger will charge your auxiliary battery from a solar panel or vehicle start battery.



### BMS battery management system

The BMS automatically chooses the best source to charge your auxiliary batteries from - solar, 240 volt or your vehicle battery. The remote monitor lets you see how much power you have remaining and how long until your batteries are fully charged. You'll never accidentally flatten your battery again!



### SRP0120 and SRP0240 solar regulators and SRP0240-RM remote monitor

Suitable for charging two separate battery banks, our regulators are available in 10A or 20A models. The remote monitor keeps track of your auxiliary battery's state of charge.



### SRC0004 portable solar regulator cable kit

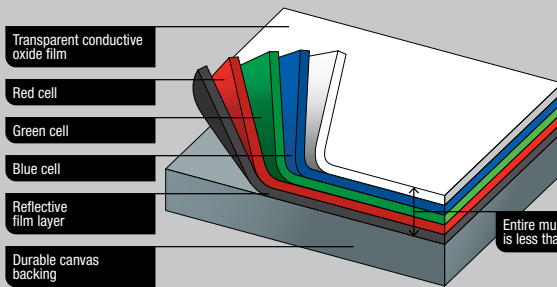
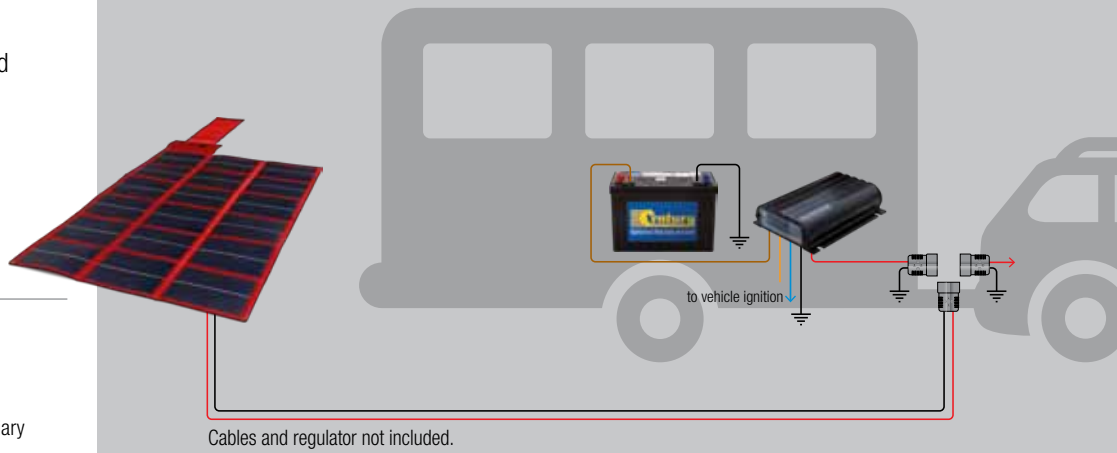
Connects your solar panel to your auxiliary battery(s) via a Redarc SRP0120 or SRP0240 solar regulator. Includes 5 metre panel to regulator cable and 1.5 metre regulator to battery cable.



### Need more information?

Scan this QR code with your smart phone. If you don't have a QR code reader they are available free of charge from your phone's app store.

## Amorphous solar blanket setup with in-vehicle battery charger



Redarc amorphous solar blankets utilise unique triple-junction amorphous silicon solar cells, where the blue, green and red light spectrum of the sun is absorbed in different layers of the cell.

This technology results in better performance in low and diffuse light conditions.

By-pass diodes are connected across each cell, allowing the modules to produce power even when partially shaded.

## Specifications

Model	SAX1027	SAF1036	SAF1072	SAF1108
Peak power	26.7W	34.2W	68.4W	102.6W
Maximum power voltage	13.5V	18.0V	18.0V	18.0V
Maximum power current	1.9A	1.9A	3.8A	5.7A
Open circuit voltage	19.4V	25.9V	25.9V	25.9V
Short circuit current	2.4A	2.4A	4.8A	7.2A
Solar cell type	Amorphous			
Backing material	Canvas			
Operating temperature	-40°C to +85°C			
Dimensions				
Folded	180 x 400mm	65 x 155 x 390mm	65 x 280 x 390mm	65 x 280 x 390mm
Open	1210 x 400mm	775 x 1030mm	775 x 1800mm	1160 x 1830mm
Net weight	0.9kg	1.8kg	2.9kg	4.8kg
Certification	CE, RoHS			

### \*Warranty information

Redarc Electronics guarantees satisfactory operation of this product to the original purchaser for two years from the purchase date on receipt of proof of purchase. Redarc amorphous solar panels are guaranteed to deliver 90% of the rated power efficiency for a period of 5 years.



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