Find power anywhere with a REDARC Pure Sine Wave Inverter

The new range of REDARC Pure Sine Wave Inverters allow you to use your appliances anywhere in Australia and get the same type of 240 volt power you get at home.

Producing a pure sine wave, REDARC's inverters ensure smoother, more efficient running of appliances including laptops and phone chargers, power tools, heaters, kettles and more.

Now slimmer and lighter, REDARC inverters have a wider input voltage range for both 12 and 24 volt models and they work comfortably anywhere, even in Australia's harshest conditions.

Look at all the benefits

- Take all the comforts of home whilst you travel
- Appliances will run smoothly and efficiently, producing less heat and noise
- Designed to run any 240 volt equipment
- Multiple levels of protection
- Six models in 12 and 24 volt inputs

REDARC Pure Sine Wave Inverters produce the output required for powering most 240 volt equipment on the road. They allow the use of laptops, televisions, microwaves and power tools by replicating mains power to common household appliances.
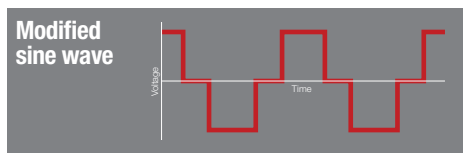
The clean output power from a REDARC Pure Sine Wave Inverter is essential for protecting sensitive electronic equipment.

All Inverters feature multiple levels of protection including overload, short-circuit and over-temperature and a load-controlled cooling fan which engages when power consumption reaches a pre-set level.

REDARC also has a remote on/off switch (sold separately) which allows the control of the inverter. The inverter can be installed out of sight and it allows the control of the inverter from a more convenient location, such as the inside of your caravan or campervan. The remote switch can be flush-mounted up to eight metres from the inverter.

With REDARC inverters you can take all the comforts of home with you while you travel - without fear of damaging your valuable appliances.
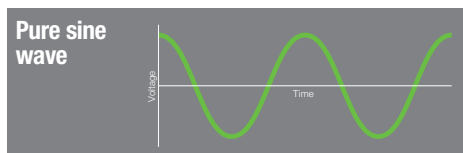
Modified sine wave inverters versus REDARC Pure Sine Wave Inverters

Modified sine wave

Cheaper inverters try to imitate a sine wave by 'chopping off' the corners of a square wave, creating a modified square wave.

Appliances running on a modified sine wave need more power and will produce more heat. For this reason, appliances designed to run on a pure sine wave will overheat if run on a modified sine wave.

Light bulbs and shunt motors may be able to run on a modified sine wave but for many other appliances this will not be sufficient.
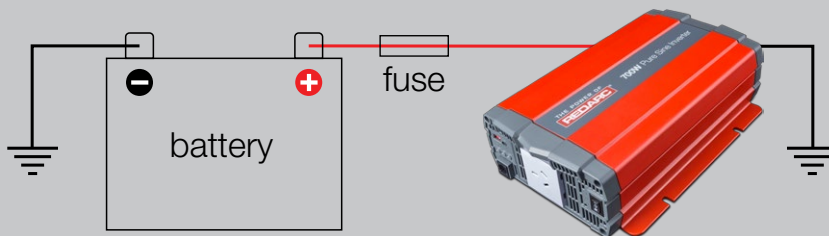

Pure sine wave

REDARC Pure Sine Wave Inverters are the safest choice for running common household appliances on the road as it gives you an output that is almost identical to household mains power.

The change in a pure sine wave is smooth and gradual, ensuring the correct functioning and efficient operation of high end electronic equipment.

Visit **redarc.com.au** for more information. REDARC Pure Sine Wave Inverters are available at your nearest auto electrician or 4WD specialty store.

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Pure Sine Wave Inverter installation (12 or 24 volt)

Which model do I need?

Model	Suitable applications
R-XX-350RS	Phone and camera chargers, CD players, GPS, computers, bi-pap machines, laptops
R-XX-700RS	Any of the above plus televisions, refrigerant recovery machines
R-XX-1000RS	Any of the above plus coffee makers, power tools
R-XX-1500RS	Any of the above plus hairdryers, irons
R-XX-2000RS	Any of the above plus microwaves
R-XX-3000RS	Any of the above plus heaters, kettles, power tools
REMOTE - RS	On/off switch for any of the models above

XX refers to the voltage - 12 or 24 volts. This is a guide only - refer to the appliance power consumption placard to ensure the correct model inverter is selected.

Specifications

	R-12-350RS R-24-350RS	R-12-700RS R-24-700RS	R-12-1000RS R-24-1000RS	R-12-1500RS R-24-1500RS	R-12-2000RS R-24-2000RS	R-12-3000RS R-24-3000RS
Power rating	350W	700W	1000W	1500W	2000W	3000W
Surge capacity	700W	1230W	1750W	2650W	3500W	6000W
DC input voltage R-12-XXXRS* R-24-XXXRS*			12V 24V			
DC input voltage range R-12-XXXRS* R-24-XXXRS*	10.0-15.5V 20.0-31.0V		10.5-16.5V 21.0-33.0V			
Output waveform			Pure sine wave			
Output AC frequency	50Hz ±0.1%		50Hz ±0.5%			
Socket type			AU/NZ socket			Hard wire plate
Dimensions	188 x 150 x 68mm	330 x 200 x 83mm	372 x 200 x 83mm	421 x 248 x 83mm	443 x 248 x 83mm	442 x 255 x 158mm
Weight	1.60kg	2.60kg	3.26kg	4.14kg	5.24kg	8.20kg

* XXX refers to the model wattage.

Optional accessory remote on/off switch

Want to know more?
Scan this QR code with your smartphone to go to the Redarc website

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