

INVERTERS.



THE POWER OF
REDARC

ESSENTIAL POWER BUILT TOUGH.

REDARC.COM.AU/INVERTERS



**QUIET
OPERATION.**



**HOME COMFORTS
ON THE ROAD.**



**EASY
INSTALL.**



PURE SINE WAVE INVERTERS.

No more sacrificing luxury! Take your home appliances wherever you go and discover power and convenience like you've never experienced before with REDARC's Pure Sine Wave Inverters.

Use your devices and appliances anywhere and get the same type of power you'd get at home.

Designed with advanced safety features and superior build quality in mind, REDARC Pure Sine Wave Inverters produce a pure sine wave, ensuring a smoother, more efficient running of household appliances. Available in 12 and 24 volt, and from 350 to 3000 watt, REDARC Pure Sine Wave Inverters have multiple levels of protection, keeping you and your devices safe.

TOURING INVERTERS, POWER ON THE ROAD.

With REDARC's range of Touring Inverters, you can have all of the comforts of home when you're out on the road. Slimmer, lighter and with a smaller footprint compared to the RS3 range, these Touring Inverters will fit in tighter spaces. Featuring multiple levels of protection, and fully isolated input and output, find power anywhere with REDARC's Touring Inverters!

For those who visit AC powered sites, or need to meet AS/NZS compliance, check out REDARC's RS3 inverter range.

RS3 INVERTERS, THE ULTIMATE CHOICE.

Unparalleled performance meets enhanced protection. REDARC's RS3 Inverters are the ultimate choice for powering household appliances on the road. Vibration resistant and built to REDARC's strict quality standard, these inverters can go wherever you can, and once there, won't interrupt the tranquility of the perfect camp spot.

With a built-in Automatic Transfer Switching (ATS), RS3 Inverters do the work for you. Forget manually switching power inputs when you pull up to camp, ATS delivers a seamless, reliable and automatic transition between battery and mains, not only saving you precious charge, ensuring that you're always powered.

When its time to start up appliances, RS3 inverters improved surge capacity means they're capable of handling the initial loads of highly demanding appliances. At 200% higher and for twice as long, this improved capacity means you can power more demanding appliances with a smaller inverter, saving valuable space and reducing weight. Additionally, RS3 Inverters operate up to 75% quieter than comparable models, ensuring they won't disrupt the tranquility of the best camping spot when powering the essentials.

Equipped with IEC connectors and Residual Current Device (RCD), the RS3 Inverters integrate seamlessly into your setup and not only ensures your build is compliant with the latest AS/NZS 3001 standard, but the internal ATS complies with IEC 61810-1. Built to last and backed by REDARC's legendary support, power your next adventure with REDARC RS3 inverters.

INVERTER REMOTE.

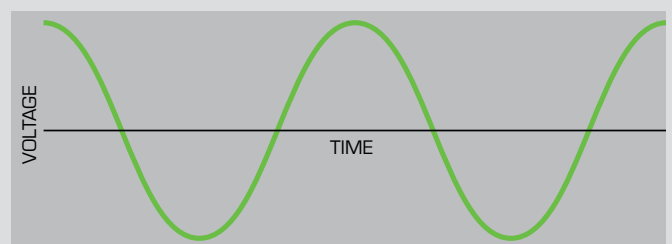
REMOTE-RS

This remote on/off switch allows for an inverter to be installed out of sight and controlled from a more convenient location.

The remote switch can be flush-mounted up to eight metres from the inverter.



PURE SINE WAVE.



REDARC Pure Sine Wave Inverters are the safest choice for using common household appliances on the road as they give you an output almost identical to household mains power.

CHOOSE YOUR INVERTER.

DETERMINING YOUR BATTERY NEEDS.

From powering USB devices to running a microwave, and more, REDARC has a 12 volt lithium LiFePO₄ battery that will power your creature comforts. To decide what setup you'll need, consider the largest device you plan to run and whether you plan to run two or more devices simultaneously.

INVERTER REQUIRED	12V ACCESSORIES INCLUDING USB DEVICES, LED LIGHTS AND PORTABLE FRIDGES	LAPTOP OR DRONE UP TO 250W	POWER TOOL CHARGER UP TO 250W	E-BIKE CHARGER UP TO 600W	MICROWAVE OVEN UP TO 1100W	INDUCTION COOKTOP UP TO 2000W	POPUK TOASTER UP TO 2000W	COFFEE MACHINE UP TO 2000W	HAIR DRYER UP TO 2000W	ELECTRIC KETTLE UP TO 2400W	AIR CONDITIONER UP TO 3000W
12V ONLY - NO INVERTER	Larger capacities will last longer between charges.										
350W		1x 100Ah (LBAT12100)									
700W		1x 100Ah (LBAT12100)									
1000W		2x 100Ah (LBAT12100) or 1x 100Ah HD (LBAT12100-HD)									
1200W		1x 150Ah (LBAT12150-SB) or 1x 100Ah HD (LBAT12100-HD)									
2000W		1x 150Ah (LBAT12150-SB) or 2x 200Ah HD (LBAT12200)									
3000W		2x 150Ah (LBAT12150-SB) or 3x 200Ah HD (LBAT12200)									
		Recommended		Likely, but check appliance and inverter							

This chart is an example only. DC power systems are not like AC power. You can run many devices and appliances, but not all at once and batteries will need to be recharged. Ask us about our range of battery chargers and battery management systems that'll keep you charged off-grid for days and days.

REDARC RS3 INVERTER WIRING KIT.



RS3WK-001

RS3 Inverter wiring cable suitable for R-12-1200RS3 and R-24-2000RS3

RS3WK-002

RS3 Inverter wiring cable suitable for R-12-2000RS3 and R-24-3000RS3

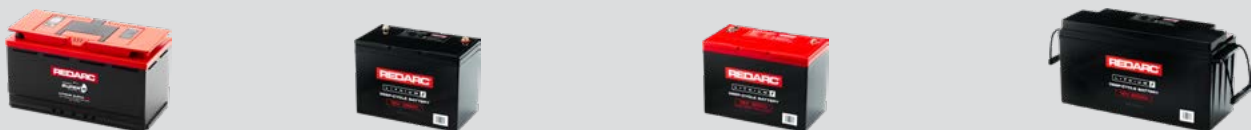
RS3WK-003

RS3 Inverter wiring cable suitable for R-12-3000RS3

RS3WK-004

RS3 Inverter wiring cable suitable for R-24-1200RS3

REDARC INVERTERS ARE BEST COUPLED WITH REDARC'S LITHIUM BATTERIES.



**LBAT12150-SB
150AH ALPHA BATTERY**

A high capacity battery with massive discharge capacity (200A), extra-long lifespan (5,000+ cycles) and built-in wireless battery monitoring.

**LBAT12100 100AH
STANDARD BATTERY**

Can be used with an inverter up to 500W, per battery (e.g. two batteries will support a 1000W inverter).

**LBAT12100-HD 100AH
HEAVY DUTY BATTERY**

Can be used with an inverter up to 1000W, per battery (e.g. two batteries will support a 2000W inverter).

**LBAT12200
200AH BATTERY**

One battery will support a 1000W inverter, two batteries will support a 1500W to 2000W inverter and three will support a 3000W inverter.

RS3 INVERTERS



R-12-1200RS3
R-24-1200RS3



R-12-2000RS3
R-24-2000RS3



R-12-3000RS3
R-24-3000RS3

Power rating	1200W	2000W	3000W
Surge power (2 seconds)	2400W	4000W	6000W
DC input voltage			
R-12-XXXRS3*	12V	12V	12V
R-24-XXXRS3*	24V	24V	24V
DC input voltage range			
R-12-XXXRS3*	10.5 - 16.5V	10.5 - 16.5V	10.5 - 16.5V
R-24-XXXRS3*	21.0 - 33.0V	21.0 - 33.0V	21.0 - 33.0V
AC input voltage range	216 - 244V	216 - 244V	216 - 244V
AC nominal output voltage	230/240V	230/240V	230/240V
Output waveform	Pure sine wave	Pure sine wave	Pure sine wave
Input socket	IEC C14	IEC C14	IEC C20
Output socket 1	IEC C13	IEC C13	IEC C19
Output socket 2	AS/NZ 3112 10A GPO	AS/NZ 3112 10A GPO	AS/NZ 3112 15A GPO
Dimensions (L x W x H)	423 x 261 x 126mm	443 x 261 x 126mm	467 x 318 x 131mm
Weight	6.0kg	6.8kg	10.3kg

TOURING INVERTERS



R-12-350RS2
R-24-350RS



R-12-700RS
R-24-700RS



R-12-1000RS
R-24-1000RS



R-12-2000RS2
R-24-2000RS

Power rating	350W	700W	1000W	2000W
Surge power (1 second)	700W	1230W	1750W	3500W
DC input voltage				
R-12-XXXRS*	12V	12V	12V	12V
R-24-XXXRS*	24V	24V	24V	24V
DC input voltage range				
R-12-XXXRS*	11.5 - 15.5V	10.5 - 16.5V	10.5 - 16.5V	10.5 - 16.5V
R-24-XXXRS*	20.0 - 31.0V	21.0 - 33.0V	21.0 - 33.0V	21.0 - 33.0V
AC nominal output voltage	230/240V	230/240V	230/240V	
Output waveform	Pure sine wave	Pure sine wave	Pure sine wave	Pure sine wave
Output socket	AS/NZ 3112 10A GPO	AS/NZ 3112 10A GPO	AS/NZ 3112 10A GPO	AS/NZ 3112 10A GPO
Dimensions (L x W x H)	188 x 150 x 68mm	330 x 200 x 83mm	372 x 200 x 83mm	443 x 248 x 83mm
Weight	1.60kg	2.60kg	3.26kg	5.24kg

* XXX refers to the model wattage.



For more information scan the QR code or visit the website...



For help choosing the best dual battery setup use the free **REDARC DUAL BATTERY SYSTEM SELECTOR**
Visit redarc.com.au/dual-battery-selector



REDARC.COM.AU

HEAD OFFICE

23 Brodie Road (North), Lonsdale South Australia, Australia 5160

Email power@redarc.com.au

AUSTRALIA

Head office 08 8322 4848

Tech support 1300 REDARC (1300 733 272)

NEW ZEALAND

Head office 9 222 1024

Tech support +61 1300 REDARC (+61 1300 733 272)

THE POWER OF

REDARC

Details and specifications are subject to change without notice.
© 2023 REDARC Electronics Pty Ltd.
All rights reserved.
FLYER5-7087-230712

