

MANAGER BATTERY MANAGEMENT SYSTEMS.

THE POWER OF
REDARC



POWER WITHOUT LIMITS.

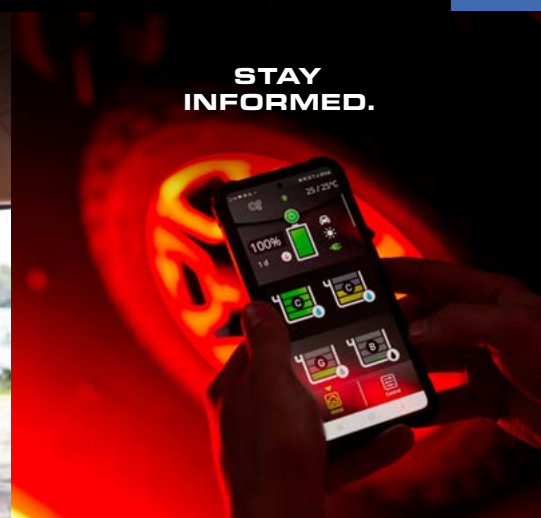
REDARCELECTRONICS.COM/BMS



**ULTRA FAST
CHARGING.**



**POWER EVERYTHING,
ANYWHERE.**



**STAY
INFORMED.**

MANAGER BATTERY MANAGEMENT SYSTEMS.

REDARC's state-of-the-art battery management systems redefine mobile power management. These revolutionary three-way chargers are designed to maintain secondary batteries, providing users with real-time charge and battery level information.

THE ONLY CHARGER OF ITS KIND.

With the Manager onboard, you'll never be without a charging option.

The Manager is the only Battery Management System to charge from a combination of AC, DC and solar simultaneously. No matter whether you're driving, plugged in at camp or soaking up the sun, run everything from induction cooktops to fridges and air conditioners without skipping a beat.

The next generation of REDARC's trusted battery management technology, the Manager Alpha boasts a charge rate up to three times higher than the previous Manager30, ensuring your batteries are charged faster than you can drain them.

Perfect for 4x4, recreational vehicles, caravans and camper trailers, Manager Battery Management Systems will achieve the best charge for your secondary battery.

MANAGER BATTERY MANAGEMENT SYSTEM RANGE.

Never run out of power again thanks to REDARC's revolutionary range of Battery Management Systems, designed and manufactured in Australia to the toughest vibration standards in the world.

MANAGER30.

Designed to charge all common battery types, the Manager30 represents a complete charging and maintenance solution.



MANAGER30
BMS1230S3 or BMS1230S3R
Perfect for: Weekender 4x4 builds

SMART BATTERY MONITOR.

Included as standard with the Manager Alpha range, The Smart Battery Monitor allows you to stay connected anywhere at camp. The latest Bluetooth 5.1 technology delivers reliability over distances up to 42m, nearly 1.5x further than the competition.



MANAGER ALPHA.

The Manager Alpha features a Start Battery Charge function which uses excess solar power to keep your start battery charged, as well as a Start Battery Recovery mode to bring flat start batteries back to life.



ALPHA50
BMS12050-AU

Perfect for: Explorer 4x4 builds, who spends days off grid



ALPHA75
BMS12075-AU

Perfect for: Camper trailers and canopy builds



ALPHA100
BMS120100-AU

Perfect for: Caravans, motorhomes, and large battery banks

REMOTE BATTERY MONITOR OPTIONS.

The Manager30 comes with a choice of displays designed to give you house battery information and charge status along with critical system information while charging is in progress.

BMS1230S3 WITH STANDARD DISPLAY.

A display option for the Manager30, this monochrome remote monitor provides state of charge, current, voltage and temperature information on your secondary battery, as well as a simplified battery percentage and charge rate information.



BMS1230S3R WITH REDVISION DISPLAY.

Supplied as standard with the Manager Alpha range, and as a monitoring option for the Manager30, the RedVision Display provides connectivity to RedVision Smartphone app, compatible with most phones and devices running iOS 12.0, Android 8.0 and Bluetooth 4.0 or later.

This allows battery monitoring from your mobile device.



POWERFUL OUTPUT.

The Manager Alpha100 delivers an unrivalled 100A from a combination of available power sources, including solar. With this much power on tap you can run everything from induction cooktops to air conditioners and still charge your batteries faster than you can drain them.

COMPACT POWERHOUSE.

The Manager Alpha range is up to 55% smaller and 28% lighter than comparable competitor systems, maximising your vehicle's capacity and leaving room for those adventure essentials.

NEVER GET STRANDED.

The Manager Alpha also takes care of your start battery. Automatically use excess solar power to keep your start battery charged. With the touch of a button the Manager Alpha can also bring your start battery back to life in the event of a flat battery.

GREEN POWER PRIORITY.

When available, the Manager will prioritise the use of solar charging before topping up from a DC charging source when you're on the move, placing less strain on your alternator.

MPPT SOLAR REGULATOR.

The built-in Maximum Power Point Tracking (MPPT) solar regulator allows the Manager to deliver the maximum amount of power from your solar panels, even during low light conditions.



BUILT TOUGH IN AUSTRALIA.

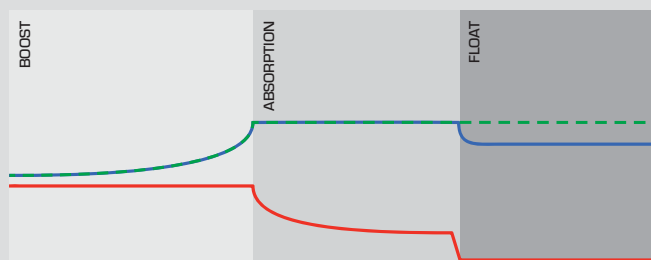
Tested to the toughest vibration standards in the world, the Manager is ready for adventure. It's made in Australia, so you know it won't let you down.



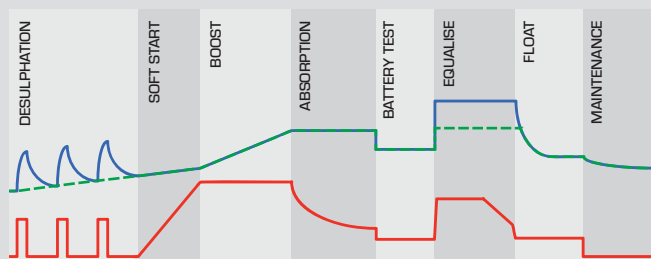
MULTI-STAGE CHARGING PROCESS.

Two different multi-stage charging profiles fully charge secondary batteries.

Touring mode - designed for use when 'on the go'. It offers a three stage* charging profile consisting of boost, absorption and float. Touring mode will charge your secondary battery to its optimal level whilst allowing you to charge your devices, and power your accessories..



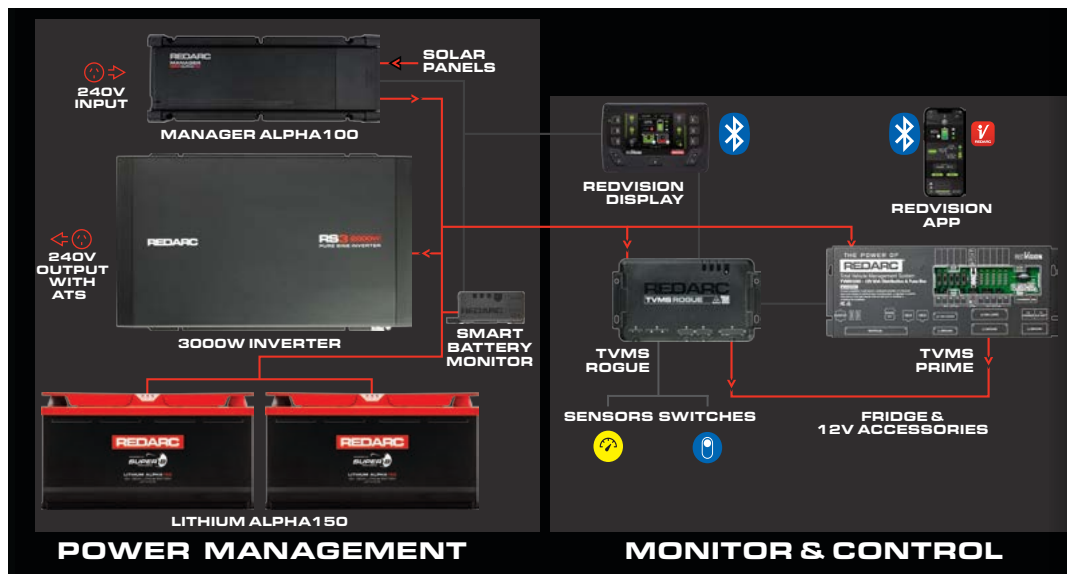
Storage mode - designed to keep your secondary battery charged whilst your caravan/camper is in storage by using an eight stage* charging profile.



Sophisticated fault detection sensors monitor the battery conditions during all stages of charging, keeping you and your caravan/camper safe.

VOLTAGE - SLA **VOLTAGE - LITHIUM** **CURRENT**

* Depending on the battery type some stages are omitted from the profile.



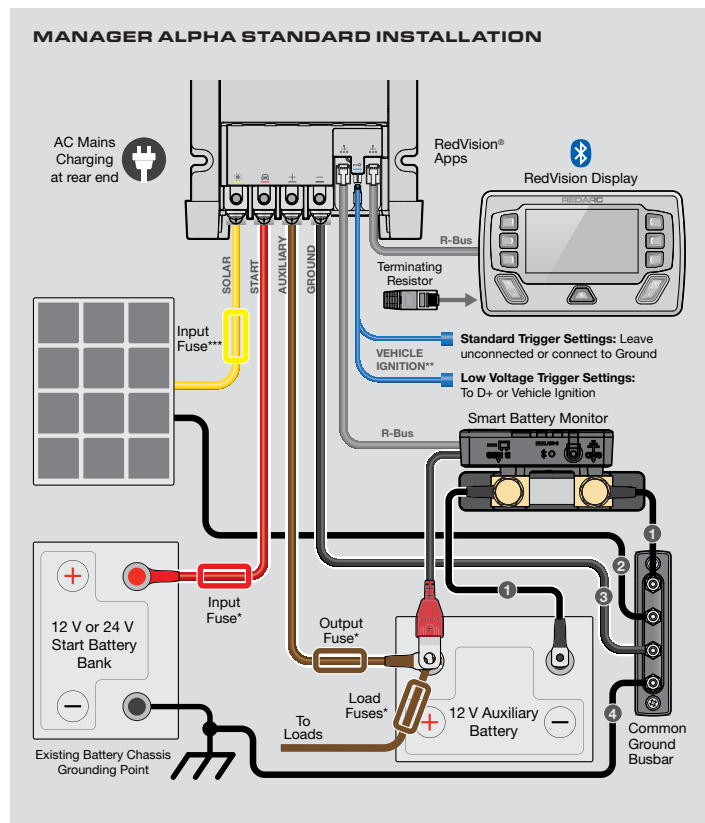
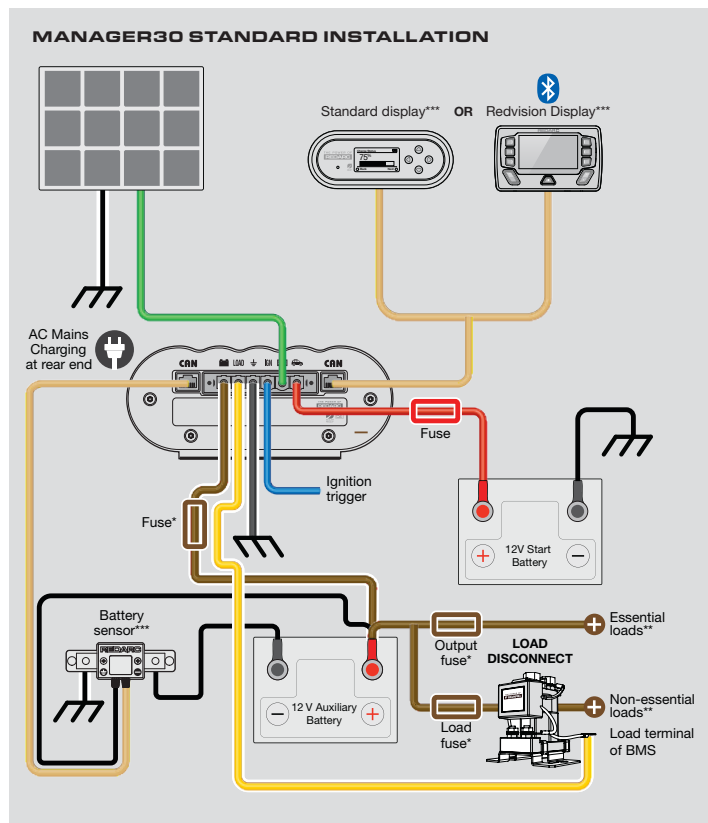
MANAGER ALPHA

ULTIMATE OFF-GRID SYSTEM

REDVISION.

Keep track of your battery levels in real time through the RedVision Display or smartphone app, and relax knowing your power is taken care of.

When paired with a REDARC TVMS, control all your accessories and monitor your system's vitals from the palm of your hand.



- * Fuses are not supplied. The size of these load fuses relate to the total current draw of all loads connected to the house battery and should be rated slightly higher than this.
- ** Essential loads are loads which must be left on at all times (or until the battery is flat). Non-essential loads are those which can be switched off when the battery reaches a particular low-charge level, which can be set in the 'advanced settings' menu.
- *** Either CANBus connection can be used for the display or battery sensor.

	BMS1230S3	BMS1230S3R	BMS12050	BMS12075	BMS12100
Output current	30A	30A	50A	75A	100A
Maximum charging voltage	14.4 - 16.0V (settings dependent)		14.2 - 16.0V (settings dependent)		
Solar input voltage	9 - 30V DC		9 - 32V DC		
Compatible battery types	Gel, AGM, Calcium, Standard Lead Acid, Lithium (LiFePO ₄)		Gel, AGM, Calcium, Standard Lead Acid, Lithium (LiFePO ₄)		
Operating temperature	-40° to 70 °C		-20° to 60 °C		
Main unit dimensions H x W x L	445 x 185 x 79mm		120 x 154 x 400mm		
Display unit dimensions H x W x D	186 x 74 x 29mm	178 x 107.5 x 25.5mm	178 x 107.5 x 25.5mm		
Weight	5.5kg	5.2kg	5.8kg	6.0kg	6.1kg
Warranty	Two years		Two years		

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 redarcelectronics.com/dual-battery-selector



REDARCELECTRONICS.COM

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.
© 2024 REDARC Electronics Pty Ltd.
All rights reserved.
FLYER7-8 - 7811 - 240930