

# New management position!

Introducing The Manager30,  
the bigger, better battery  
management system.

## BMS1230

Made In Australia

THE POWER OF

**REDARC**<sup>®</sup>

New from REDARC, The Manager30 is a state-of-the-art battery management system. It is ideal for recreational vehicles, caravans and camper trailer applications with multiple battery banks.

You can keep your auxiliary batteries charged from 240 volt mains power, your car battery and solar panels. And it is rated at a big 30 amps so it knows how to take charge.

Whether you have one auxiliary battery or more, you need to know they're always fully charged, especially if you depend on that power source for the comforts of home.

Designed and manufactured in Australia, for Australian conditions, using the latest electronic and design technology, The Manager30 will get you to where you want to go - and get you back again - with complete confidence.

### Five products in one

- DC In-vehicle battery charger
- 240 volt AC battery charger
- MPPT solar regulator
- Dual battery isolator
- Remote battery monitor



**THE MANAGER30**  
BMS1230

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The Manager30 is a complete battery management system for charging auxiliary batteries used in automotive applications by incorporating AC, DC and Solar inputs to achieve the best charge. Developed with ease of installation in mind, The Manager30 is compatible with all vehicles and alternator systems including variable voltage alternators.

**Green power priority** - The Manager30 is designed to charge an auxiliary battery from multiple sources simultaneously. If 12 volt solar power input is available, solar power will be used before topping up the output charging current from another source mains (if available) or DC vehicle power when on the move.

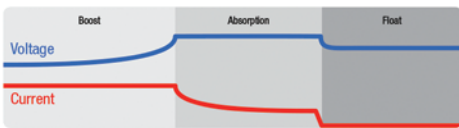
**MPPT solar regulator** - the built-in Maximum Power Point Tracking (MPPT) solar regulator allows The Manager30 to deliver the maximum amount of power from your solar panels, even during low light conditions.

**Remote monitor** - designed to show you auxiliary battery information and charge status. You can customise how your battery is charged and monitor where the charge is coming from. A user friendly, graphical display monitor lets you know what's going on, keeping you in control at all times.

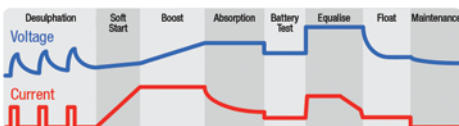
## Multi-stage charging process

A multi-stage DC-DC charging profile fully charges the four main battery types commonly used in today's vehicles. The Manager30 incorporates two different multi-stage charging profiles - Touring (3 stage) and Storage (8 stage).

**Touring mode** - designed for use when 'on the road'. It offers a 3-stage charging profile consisting of Boost, Absorption and Float. Touring mode will charge your auxiliary battery to its optimal level whilst allowing you to run loads from the battery.



**Storage mode** - designed to keep your auxiliary battery charged whilst your caravan/camper is in storage by using an 8 stage charging profile.

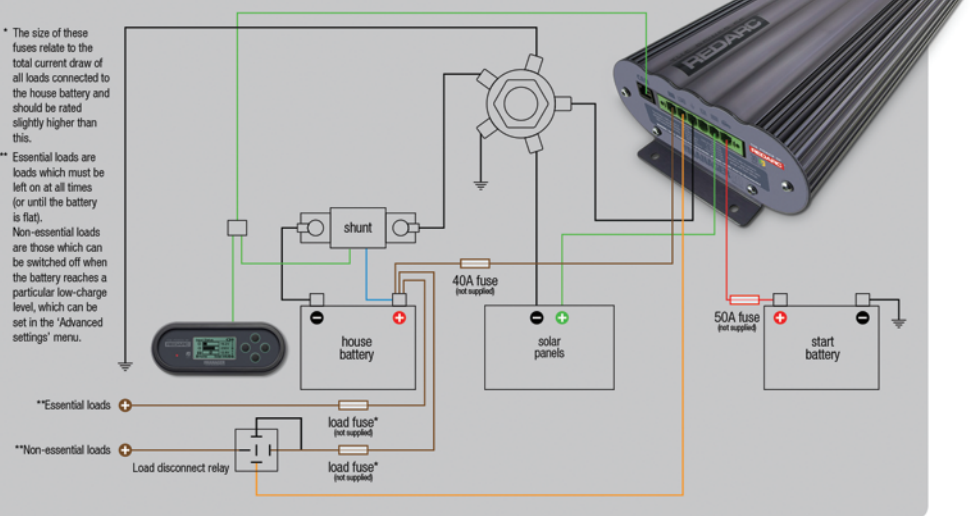


Sophisticated fault detection sensors monitor the battery conditions during all stages of charging, keeping you and your caravan/camper safe.

## The Manager30 standard installation (12 or 24 volt)

\* The size of these 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.

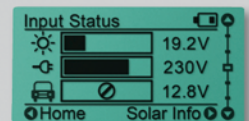
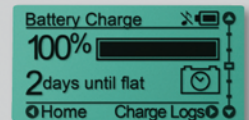


## All the information you'll ever need!

The Manager30 remote battery monitor display is designed to provide useful information rather than simply displaying battery voltage and current.

Based on your power usage, The Manager30 uses these figures to calculate how much power you have remaining in hours and days.

The Manager30 can also graphically show where your power input is coming from. Solar is the priority and will provide as much usable input power as possible.



## Specifications

Part number	BMS1230	
Output current	30A	
Charging mode	Storage mode	Touring mode
GEL setting (max)	14.4V <sup>†</sup>	14.4V <sup>†</sup>
AGM setting (max)	14.4V <sup>†</sup>	14.4V <sup>†</sup>
Calcium setting (max)	16.0V <sup>†</sup>	15.2V <sup>†</sup>
Standard lead acid (max)	15.5V <sup>†</sup>	14.8V <sup>†</sup>
Operating temperature*	-40°C to +80°C	
Weight	5.5kg	
Dimensions	Main unit - 445mm x 185mm x 79mm Remote unit - 186mm x 74mm x 29mm	
EMC compliance	C-Tick, AS/NZS, CISPR11	
Safety compliance	AS/NZS 60335.2.29, AS/NZS 60335.1	
Environmental compliance	RoHS	
Warranty	2 years	

<sup>†</sup> Voltages stated above are nominal and may vary slightly from that specified. Contact REDARC if further information is required.

\* In order to protect the battery from damage the BMS1230 will only charge the battery when the battery temperature is between 0°C and +60°C.

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