



ADVANCED LITHIUM BATTERIES



**SPHERE'S BATTERY PERFORMANCE IS NOW BACKED
BY A 5 YEAR MANUFACTURER'S WARRANTY.**

Introducing the all new and updated Sphere Lithium Battery range.
Featuring prismatic cell technology, and new advanced
Battery Management Systems (BMS)

Lightweight, compact and powerful, the Sphere battery range is ideally
suited to all your adventure and off grid needs.

Developed and tested in Australia for use in caravans, RVs, marine, camping and off grid applications, there is a battery to suit your needs. Fully sealed and IP65 water ingress rated, Sphere batteries are perfect for boating or 4WD application.

The new advanced BMS not only ensures you get the maximum power from your battery, but also ensures safe operation and optimum charging. Sphere lithium batteries feature Dynamic Cell Balancing technology to ensure an even, balanced state of charge and discharge between cells at all times.

Lithium batteries are lighter, offer better usable capacity and charge quicker than older battery technology. The new Sphere prismatic cells can be connected in series up to 24V or up to 4 batteries in parallel. If you are upgrading an existing deep-cycle lead acid or AGM battery in most cases you can continue to use your same system. The built in BMS will ensure efficient and safe operation.

Features

- Prismatic cells
- 5 Year Warranty
- New Advanced BMS
- Dynamic Cell Balancing technology
- IP65 Water Ingress Rating
- 2000 Cycles at 100% Discharge.
- 4000 Cycles at 50% Discharge
- High discharge current max 250A
- Connect in series up to two batteries (24-volt system)
- Connect in parallel up to 4 batteries.
- Heavy-duty ABS case
- Heavy-duty M8 Terminals
- Maintenance-free
- Lithium LiFePO4
- Grab handle for transport and handling.
- Over-discharge protection

SPHERE 12V 100AH LITHIUM RECHARGEABLE BATTERY

500-00831

Specifications

Capacity: 100AH
Voltage: 12.8VDC
Discharge Rate Max: 100A
Maximum Pulse Rate: 250A
Nominal Charge Rate: 30A
Max Charge Rate: 60A
Cycles@ 100% DOD: 2000
Operating Range: -20°C to +60°C
Weight: 12.6Kg
Dimensions mm: 334 x 175 x 219
IP Rating: IP65



SPHERE 12V 120AH LITHIUM RECHARGEABLE BATTERY

500-00833

Specifications

Capacity: 120AH
Voltage: 12.8VDC
Discharge Rate Max: 100A
Maximum Pulse Rate: 250A
Nominal Charge Rate: 30A
Max Charge Rate: 60A
Cycles@ 100% DOD: 2000
Operating Range: -20°C to +60°C
Weight: 14.6Kg
Dimensions mm: 334 x 175 x 219
IP Rating: IP65



SPHERE 12V 200AH LITHIUM RECHARGEABLE BATTERY

500-00835

Specifications

Capacity: 200AH
Voltage: 12.8VDC
Discharge Rate Max: 100A
Maximum Pulse Rate: 250A
Nominal Charge Rate: 40A
Max Charge Rate: 60A
Cycles@ 100% DOD: 2000
Operating Range: -20°C to +60°C
Weight: 19Kg
Dimensions mm: 365 x 187 x 249
IP Rating: IP65



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Specifications are correct at time of printing and are subject to change without notice.

DEALER / SUPPLIER