



LITHIUM BATTERIES



Sphere lithium batteries are the future of mobile power storage. Lithium batteries are much lighter than traditional lead acid and AGM batteries and deliver unrivalled cycle life, more than four times more cycles compared to lead acid and AGM batteries.

UNRIVALLED BATTERY PERFORMANCE

Perfect for use in caravans, marine, camping and home storage applications, Sphere Lithium batteries are fully sealed and feature a built-in battery management system for safety.

If you are replacing an existing deep cycle lead acid or AGM battery you can continue to use your same battery charging system and the built-in battery management system will do the rest for you. You will also notice that lithium batteries charge more efficiently than lead acid and AGM batteries so the recovery will be much quicker.

Sphere lithium batteries use active cell balancing technology to balance the internal battery cells not only whilst charging but also whilst discharging. This assists in getting the battery as close to 100% charge levels as possible.

- 100AH AND 120AHLithium Ion
- 2000+Cycles
- Built in advanced BMS with Dynamic cell balancing
- Lightweight
- 3 Year Warranty
- Can be connected in series or parallel, maximum In-series voltage of 30.4V

Note: This battery can't be used to start motor vehicles

SPHERE 12V 100AH LITHIUM RECHARGEABLE BATTERY

500-00830

Specifications

Dimensions: 334x175x219mm
Chemical: Lithium Iron LiFePo4
Cell Type: Prismatic
Product Weight: 11kgs
Operating Temperature Range: -20°C ~ +60°C
Voltage: 12.8VDC
Amperage: 100AH
Maximum Discharge Rate: 1C
Max Continuous Current: 100A
Max 3 Second Pulse: 150A
Min Charge Current: 2A
Nominal Charge Rate: 30A
Max Charge Current: 100A
Max Charge Voltage: 14.8V
Recommended Charge Rate: 30A
Cell Balancing: 3AH charge & discharge
Cycles @ 100% DOD: DOD 2000 Cycles
Cycles @ 80% DOD: DOD 3000 Cycles
Cycles @ 50% DOD: DOD 3500 Cycles
Cycles @ 30% DOD: DOD 8000 Cycles
Low Voltage cut out: 10.0VDC
Maximum In-series voltage: 30.4V
BMS Reconnect: Automatic
Terminal: T8



SPHERE 12V 120AH LITHIUM RECHARGEABLE BATTERY

500-00832

Specifications

Dimensions: 334x175x219mm
Chemical: Lithium Iron LiFePo4
Cell Type: Prismatic
Product Weight: 12.66kgs
Operating Temperature Range: -20°C ~ +60°C
Voltage: 12.8VDC
Amperage: 120AH
Maximum Discharge Rate: 1C
Max Continuous Current: 100A
Max 3 Second Pulse: 150A
Min Charge Current: 2A
Nominal Charge Rate: 30A
Max Charge Current: 100A
Max Charge Voltage: 14.8V
Recommended Charge Rate: 30A
Cell Balancing: 3AH charge & discharge
Cycles @ 100% DOD: DOD 2000 Cycles
Cycles @ 80% DOD: DOD 3000 Cycles
Cycles @ 50% DOD: DOD 3500 Cycles
Cycles @ 30% DOD: DOD 8000 Cycles
Low Voltage cut out: 10.0VDC
Maximum In-series voltage: 30.4V
BMS Reconnect: Automatic
Terminal: T8



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

DEALER / SUPPLIER