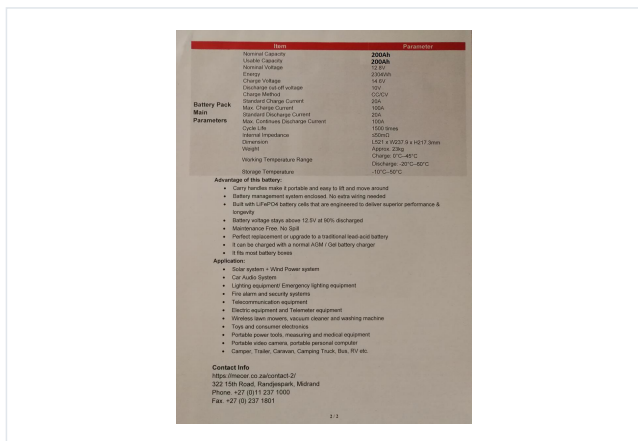


SOL-B-L-M200

Mecer Second Life LiFePO4 Lithium Battery 12.8V 200Ah

Product Overview

Mecer second life LiFePO4 Lithium Battery 12.8V 200Ah, 1500 charging cycles, Can use up to 4 batteries in series with the built in BMS (Battery Management System) **6 month warranty or rated cycles, whichever comes first. Built for performance and designed to handle South Africa's unpredictable power situation, this Mecer 12.8V 200Ah LiFePO4 battery provides an ideal solution for homes and small businesses looking to cut energy costs and maintain uninterrupted power. With support for up to four batteries in series and a built-in battery management system (BMS), it delivers dependable storage for solar and hybrid systems.



Specifications

Overview summary:

The Mecer 12.8V 200Ah LiFePO4 lithium battery is a smart, reliable choice for solar and backup energy systems in South Africa. Designed for long-term performance with up to 1500 charge cycles, this battery includes a built-in BMS and supports up to four units in series. It's perfect for households and small businesses looking to reduce electricity bills and avoid the impact of load-shedding, load-reduction, or unexpected blackouts.

Mecer is a trusted South African brand known for its wide local support network, with technical support branches in every province. Choosing Mecer means you get local warranty coverage and fast, reliable service. Compared to traditional lead-acid batteries, this lithium battery is lighter, lasts longer, and offers deeper discharge while maintaining higher voltages throughout its cycle.

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Product Specification Sheet

Battery performance tier:Advanced solar/backup storage

Uses:Solar energy storage, load-shedding backup, off-grid power, hybrid inverter systems

Key Features:

- Built-in BMS for safe performance
- Supports series configuration (up to 4 batteries)
- Lightweight design - 1/3 weight of lead-acid equivalent
- Long cycle life - up to 1500 cycles
- High energy efficiency with consistent voltage
- Ideal for solar and hybrid backup power

Benefits of Lithium solar storage / power backup batteries.

- Lithium Batteries have a longer life span than Lead Acid Battery
- Lithium Batteries have deeper discharge cycles than Lead Acid Battery
- Lithium Batteries stay above 12.5V at 90% discharge
- Lithium batteries are lighter for the same capacity (about 33% of the weight of Lead Acid)

Specifications:

- Normal capacity: 200Ah
- Voltage: 12.8V
- Energy: 2304Wh
- Charge Voltage: 14.6V
- Discharge cut-off voltage: 10V
- Charge Method: CC/CV
- Standard Charge current: 20A
- Max. Charge Current: 100A
- Max. Continuous Discharge Current: 100A
- Cycle life: 1 500 times
- Internal Impedance:
- Dimensions: L521 x W237.9 x G217.3mm
- Weight: 23Kg
- Working temp: 0 - 45deg C
- Storage temp: -20degC to 60degC
- BMS (Battery management system) included to extend the life-time of the battery (up to 4 batteries in series)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/SOL-B-L-M200-Mecer-Second-Life-LIFEPO4-Lithium-Battery-Buy-p-239794.php>

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Product Specification Sheet

to ensure accuracy, errors or omissions may occur.

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If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.