

SolarWall 24V, 200Ah Lithium Battery by Lyncac



Price: CAD \$3,207.00

SKU: LYSOLARWALL-24V200

Product Categories: [Batteries](#), [Multi-Use : 48V](#), [Shop](#)

Product Tags: [24V](#), [24v battery](#), [24v lithium battery](#), [back-up](#), [canada](#), [lg chem](#), [lithium battery](#), [lynac solarwall](#), [lynac solarwall canada](#), [powerwall](#), [resu](#), [solar battery](#), [solar wall](#), [solarwall](#), [solarwall 24v](#)

Product Page:

<https://www.modernoutpost.com/product/solarwall-24v-200ah-lithium-battery-by-lynac/>

Product Summary

This is the Lyncac Solarwall 24V edition. This 200Ah wall-mounted residential lithium battery provides 5kWh of energy storage and can mount on the wall right beside your inverter system, thereby simplifying installation with less cabling, and no

battery cabinet or floor space needed. This SolarWall system is ideal for home back-up, cabins, cottages, tiny homes, and more.

Product Description

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The SolarWall 24V is 5kWh of Smart Lithium (LFP) energy storage with fully adjustable BMS protection parameters.

Easily monitor cell status, cycles, temperature, and State-Of-Charge (SOC) with the built-in LCD display or serial interface to other monitoring platforms.

The Solar wall battery can be stacked in parallel making it great for scalable power systems of any size.

Compare vs the Tesla PowerWall or LG Chem RESU

SolarWall 24V Specifications In Brief

Rated Capacity: 200Ah \pm 3 @ (0.2C), 5120Wh

Nominal Voltage: 25.6Vdc

Cycle Life:

2000 @ 0.2C (100% DOD)

6000 @ 0.2C (80% DOD)

10000 @ 0.2C (50% DOD)

Dimensions: L 510 × W 485 × H 180mm - (20.1 x 19.1 x 7.1)"

Weight: 58kg (127.6lbs)

Battery Management System: Software: Low Temp Charge, Current, Voltage, Short Circuit, Cell Balancing, Adjustable Setpoints

Cells: 8S4P Prismatic 3.2V 50Ah LFP

Charging Method: Constant Current - Constant Voltage (CC - CV): (0.2C to 28.8Vdc) - (28.8Vdc to 0.02C)

Voltage Limits: Charge: 29.2Vdc, Discharge: 21.6Vdc

Current Limits: Charge: 100Adc, Discharge: 100Adc

Temperature Limits: Charge 0 ~ 45°C, Discharge -20 ~ 55°C, Storage -20 ~ 55°C

Connectivity: Series: 2 (48Vdc), Parallel: Unlimited* (25.6Vdc)

Terminal Connector: 2x Custom #8 - 35mm Cable - Push to Connect

Warranty: 5 Year Manufacturer with 10 Year Prorated in total

Ingress Protection: IP65

[Download Detailed Data Sheet](#)

[Benefits of Lithium Batteries](#)

[Long-Lasting](#)

LiFePO4 (Lithium Iron-Phosphate or LFP) battery technology can cycle 5X longer than even the best lead battery. Our batteries last 3200 - 6000 cycles at 80% Depth of Discharge (DOD) or less. 2000 cycles to 100% DOD.

Note that this is the Lithium chemistry best-suited to renewable energy applications. Although slightly less dense than Lithium-NMC, LFP offers thousands more cycles, is more chemically stable, and does not use Cobalt.

[Maintenance Free](#)

LiFePO4 batteries are truly labor-free once installed and do not suffer any cycle memory effect. They prefer to rest in a partially charged state, and with a very low self-discharge rate, you can simply leave them alone! No equalization, topping up or maintenance charging required.

[Quick](#)

Get back out there faster! With near perfect charge absorption efficiency, and only two required charging stages - LiFePO4 can be charged optimally, even at very high rates. Maximize renewable energy storage intake.

[Lightweight](#)

Four times the energy density of existing deep cycle batteries, as well as, half the weight and size!

[Efficient](#)

Besides being compact and powerful, LiFePO4 will maintain a higher constant

output Voltage, even at high discharge rates. Your equipment will benefit from smooth long-lasting power. Performance is largely unaffected by Temperature and Power swings.

They can also be used in any orientation with zero performance issues.

Safe

LiFePO4 cells are inherently non-combustible, chemically inert, and thermally stable. Other lithium chemistries have gained a reputation for overheating which increases the risk of fire and explosion. All batteries can be dangerous if misused, abused, or installed improperly.

Green

Not only do LiFePO4 batteries have a longer lifespan, but they also generate less waste and are non-toxic. They are made of light metals making recycling and redistributing efforts simpler and more cost-effective.

Why Lynac Lithium?

It is time to rethink everything power, Lithium battery power. Lynac is Canada's LFP energy leader, proudly surging into the future of deep-cycle Lithium battery technology for the masses.

Based in Thunder Bay, ON.

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 59 kg

Product Gallery

