



# Lifepo4 battery rack mount

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The SOK 48V Server Rack Battery is a 5.12kWh rack battery with a modular and user-serviceable design. Whether you need to power a whole home system, a datacenter or a telecom room, this battery delivers remarkable capacity in a minimal amount of space.

SOK has a longstanding reputation for delivering exceptional quality and safety at a value-conscious price point, and the SK48V100 is no exception. This Grade A+ Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery pack is designed to seamlessly fit into standard 19" EIA server-rack type battery enclosures or the custom-built SOK Server Rack. With a 16S (48V nominal) 5.12 kW-h LiFePO<sub>4</sub> battery bank and a battery management system (BMS), the SK48V100 ensures automated and maintenance-free battery operation, offering a typical lifespan of over 4000 cycles.

The SK48V100 battery is an ideal choice for medium to large-scale off-grid, grid-interactive energy storage systems (ESS), server and backup applications. Its reliability, quality, expandability, and serviceability make it a perfect fit for a wide range of applications.

I picked up 2 of the 48V server rack batteries. Packaging and Shipping were perfect. Everything in my new system is working perfectly. Great customer support from the team. I had a communication issue between the battery and my inverter. CC worked patiently with me and got the issue resolved going above and beyond my expectations.

Just bought 8 of these and I cannot begin to tell you how happy I am with them and the people at CC. Absolutely zero install issues. So clean, easy and simple. I wrote a detailed review on the Outback forum for those that want the details: <https://forum.outbackpower.com/viewtopic.php?t=17400>. Jay

Only had them up for 4 days but been perfect so far. Everything is cool to the touch even when I was charging and discharging at up to 9.5kw. I'm probably going to end up getting 5 more as 25kwh doesn't last as long as I thought it does ?

Fantastic company, great products, awesome customer service! I've been working with Current Connected for awhile now. and have always found them to be helpful, courteous, professional and highly knowledgeable. Thank you for solving our battery dilemma with 6 SOK server rack batteries and just as importantly, patiently answer all my questions!

I just completed installation and start-up of the 20K 120/240 Kit system, three 25K SOK battery racks, and forty-two 400W Rich Solar panels. A well-designed system and knowledgeable staff made the installation and start-up a breeze.



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The well thought out complete package was beyond expectation, in every detail. Oversized cables hydraulically crimped with heat shrink and protective covers. No missing parts! The equipment was everything as described, top quality, very knowledgeable staff. I cannot say enough good things about the product and service.

The equipment was package and shipped on time, in very heavy-duty crates, on pallets organized in a way that made the installation simple and straight forward. Everything worked the first time.

I am now producing more electricity than I need! I am using all the equipment, A/C, refrigerators, freezers, and well pump, with plenty of power to recharge the battery bank every day. Worth every penny. I am now energy independent. I now use the public utility as my back-up source. Doubt I'll ever need them.

I purchased 10 of these batteries and they have been great thus far after 6 months in my off grid system. I have a large family (total of 8 including myself) and we consume a lot of power and these batteries have done well supplying all the power we need in our home. Highly recommend!

Contact us for free full report

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