



# Direct 5kw lithium battery

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The Megatank 5kwh lithium battery stands as a robust and dependable energy storage solution for homes and business solutions. Boasting remarkable capacity and cutting-edge features, this 5kwh lithium-ion battery presents a sustainable and effective means to store and harness energy.

This 5kwh lithium battery belongs to Megatank GL48100 series that showcases an impressive capacity of 5.12 kilowatt-hours (kWh), delivering abundant energy storage suitable for various residential and commercial purposes. Whether you seek to power your essential electrical appliances or store solar energy efficiently, this battery offers seamless solutions tailored to your requirements.

An outstanding benefit of the Megatank 5kwh lithium battery (Megatank GL48100 Series) lies in its utilization of LiFePO<sub>4</sub> (Lithium-Ion Phosphate) technology. Renowned for its high energy density, prolonged lifespan, and swift charging capabilities, lithium-ion batteries offer exceptional performance for on and off-grid solutions. With the GL48100 5kwh lithium battery, you can leverage the potency of lithium-ion to optimize your energy storage setup and boost the overall efficiency of the system.

The battery's sophisticated design incorporates Intelligent Battery Management System (BMS) technology. Megatank 5kwh lithium battery BMS meticulously monitors and regulates various facets of the battery's operation, including cell voltage, temperature, and state of charge. This ensures the secure and efficient functioning of the lithium battery, extending its longevity and safeguarding the user investment.

**RACK-MOUNTED POWER!** BigBattery's 48V 5kWh LYNX 2 is the next generation of our flagship rack-mountable lithium solution, providing reliable, efficient power delivery across a wide range of applications, and equipped with extensive communications and protections.

The LYNX 2 comes WiFi-equipped, with triple Ethernet ports and a full switch panel array, allowing for robust communication abilities, including CAN and RS485 protocols. With in-depth comms and PC connectivity, you can always monitor the health and status of your battery.

When it comes to the safety and security of your power, the LYNX 2 provides the ultimate peace of mind, backed by dual hardware protection. This battery is equipped with a Class I protective casing, as well as an advanced BMS, providing comprehensive safeguards including Short Circuit, Over Current, Over Temperature, Under Voltage, and Category II Over Voltage protections.

Whether you're looking to create your own off-grid homestead, ensure your business is powered and prepared in case of emergencies, or you're looking to create a massive ESS system for a data center or worksite, the LYNX 2 is your answer!



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1. Discounts for Bulk OrdersWe offer attractive volume discounts starting from orders of just 200 units. Higher quantities bring even greater savings, making us the perfect choice for businesses scaling their operations.
3. Tailored Battery SolutionsFrom custom voltage and capacity to private-label branding, MANLY specializes in bespoke lithium battery solutions to meet your unique requirements.
4. Certified Quality and Long-Term WarrantyOur batteries are certified to international standards (UN38.3, UL, CE) and come with a 10-year warranty, ensuring safety, durability, and peace of mind for your business.

Contact us for free full report

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