



# Battery 25 kWh

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Motor: (1) NGM Hyper 9 Included with this motor system: Hyper-Drive X1 Controller, 100V 750A With Ampseal Wire Harness, GV200QA contactor Batteries: (200) 1S10P Lithium Block Batteries 1S10P Lithium Block Battery Spec Sheet BMS: (1) Orion 02 Standard 48 cell BMS Kit

Charger: (1) Eltek 67.115.0 Display: (1) Andromeda EVIC Display Converter: (1) 1000W IP67 Sealed DC-DC Converter Cooling: (1) Performance Cooling Kit J1772: (1) J1772 Inlet Hall Effect Pedal: (1) NGM Throttle Pedal Assembly Adapter Plate: (1) Adapter Plate Braking kit: (1) Electric Braking Kit Optional Accessory Component Add-On:

Please note: Additional Accessories for the Lithium Block Battery (busbars, busbar covers, brackets, etc.) should be purchased separately once the final configuration is determined.

The Felicity Lithium Battery 48V 500Ah FLA48500 delivers top-tier performance as a deep cycle LiFePO4 battery, offering an impressive 25kWh of energy storage. Designed for large-scale solar systems, this high-capacity battery meets the needs of both residential and commercial applications where reliable and efficient power management is essential.

Advanced prismatic cells power this battery, enhancing both performance and longevity. The FLA48500 handles a maximum charging voltage of 57.6V and a charging current of up to 200A\*N, making it ideal for high-demand energy applications. Its robust design enables the battery to manage significant power loads while maintaining high efficiency.

Engineers designed the FLA48500 with deep cycle capability, which provides consistent power over many cycles. With a lifespan reaching up to 6,000 cycles, this battery delivers long-lasting performance and reliability. It withstands the rigorous demands of high-capacity energy storage, offering durability for extensive use.

How long does a 48V 500Ah battery last? This high-capacity battery powers your devices for approximately 10 to 20 hours, depending on your specific energy consumption needs. This extensive runtime keeps your solar system operational during prolonged power usage or outages. The FLA48500 ensures a dependable energy solution, maintaining smooth operation even under demanding conditions.

In summary, the Felicity Lithium Battery 48V 500Ah FLA48500 combines high capacity, advanced technology, and long-lasting performance. It stands out as a premium choice for serious energy storage needs.

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