



## Eg4 48v 100ah lifepower4 battery

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The EG4 LiFePower4 48V v2 battery retains the robust performance of the original model, now with enhanced features for improved user experience and system integration. Built with 16 UL-recognized 3.2V LiFePO4 cells, this battery provides >6,000 cycles at 80% Depth of Discharge (DoD), a nominal voltage of 51.2V, and a 5.12kWh capacity. Its 100A Battery Management System (BMS) supports parallel connections of up to 64 units, making it adaptable for larger systems.

RS485 and CAN bus compatibility with a six position DIP switch ensures accurate settings of protocols and easy integration with various inverters. The LiFePower4 48V v2 also includes Emergency Stop (E-Stop) and dual fire arrestors for added safety. This battery is backed by a 10-year limited warranty.

Nominal Voltage: 51.2V Energy Capacity: 5.12kWh Charge Capacity: 100Ah BMS: Internal 100A Battery Management System Certified Cells: 16 UL-recognized 3.2V cells in series. Closed-Loop Support Up to 64 batteries Total Capacity: 327.7kWh Safety Certified: UL 1973, UL 9540A, and UL 9540 Listed with 18kPV-12LV sign Life: Tested for >6,000 deep discharge cycles at 80% Depth of Discharge (DoD) Dimensions: 6.1x19x17.4 in (155x442x470mm) Weight: 99.6 lbs. (45.2kg) Warranty: 10 year

The EG4 Lifepower4 battery is a cutting-edge energy storage solution designed to revolutionize portable power for a wide range of applications. Harnessing the power of advanced lithium iron phosphate (LiFePO4) technology, this battery offers unparalleled performance, safety, and longevity. With a compact and lightweight design, the Lifepower4 is ideal for use in various devices, from electronic gadgets to power tools and electric vehicles.

This high-capacity battery boasts an impressive energy density, providing extended runtimes and minimizing the need for frequent recharging. The innovative design incorporates robust safety features, including overcharge and over-discharge protection, ensuring a reliable and secure power source for your devices. The Lifepower4 battery is not only environmentally friendly but also cost-effective, thanks to its extended cycle life, reducing the frequency of replacements.

Composed of (16) UL listed prismatic 3.2V cells in series which have been tested at 7,000 deep discharge cycles to 80% DoD - fully charge and discharge this battery daily for over 15 years without issue. Reliable and rigorously tested, with a 99% operating efficiency.

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