



# 12v lithium phosphate battery

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„3.2V,3.6V~3.65V?,,?????,...

Introducing the EG4 Lithium Battery 12.8V (12V), boasting a robust 400AH capacity and a formidable 5.12kWh power output, all managed by a formidable 200A internal battery management system (BMS). Crafted from 16 UL recognized prismatic 3.2V cells and meticulously tested through 7,000 deep discharge cycles to 80% depth of discharge (DoD), this battery ensures exceptional performance. Additionally, this battery can undergo full daily charge and discharge cycles for over 15 years without faltering and operates with an impressive 99% efficiency, promising uninterrupted power for your needs.

Voltage: 12.8V Capacity: 400Ah Dimensions: 6.1 in x 17.4 in x 18.5 in (15.5 cm x 44.1 cm x 46.9 cm) Weight: 100 lbs. (45.4 kg) Design Life: 7000 Deep Cycles

California Proposition 65 Warning

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Discover unparalleled efficiency and reliability with Bioenno Power's 12V Series - LFP (LiFePO4) Batteries, where innovation meets durability to power your adventures and projects. Our cutting-edge lithium iron phosphate batteries redefine performance standards, offering you a blend of power, safety, and longevity that traditional batteries simply can't match.

**Built-In Protection for Peace of Mind:** Each battery in our range comes with an integrated Protection-Circuit-Module (PCM) micro-computer. This advanced system ensures internal cell balance and provides comprehensive protection against overcharge, overdischarge, and short circuiting, ensuring your battery's safety and longevity.

**Lightweight Yet Powerful:** Our batteries are designed to be 50% to 70% lighter than traditional SLA batteries, making them the perfect choice for applications where weight is critical without compromising on power.

**Unmatched Performance:** Extract more from your battery with >80-90% rated capacity utilization, significantly higher than the 50% offered by SLA batteries. This means more energy and longer usage times for you.

**Exceptional Lifespan:** With a service life boasting 2000+ charge cycles and a shelf life that surpasses many competitors, a Bioenno Power battery is a long-term investment in reliability and performance, lasting 5-10+ years.



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Versatility at Its Core: From amateur radio to defense, and from outdoor recreation to scientific equipment, our batteries support a wide array of applications. With capacities ranging from 3Ah to 300Ah, we've got all your needs covered, ensuring optimal performance for every device.

Every Bioenno Power battery undergoes rigorous quality checks before shipment, affirming our promise of True Lithium Capacity. This means you get exactly what you see - reliable power, precise capacity, and unmatched performance. Our batteries aren't just about power; they're about providing a dependable energy solution that you can trust, no matter where life takes you.

Contact us for free full report

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