

Product Image



Summary

- BATARYASAN introduces the 24V-100Ah LiFePO4, a cutting-edge rechargeable battery designed to redefine power storage. Leveraging Lithium Iron Phosphate technology, our product boasts exceptional energy density and an extended lifespan, ensuring reliability for diverse applications. With a compact design and eco-friendly composition, our battery addresses the growing demand for sustainable energy solutions. The 24V-100Ah LiFePO4 by BATARYASAN sets a new standard for high-performance energy storage, delivering efficiency, durability, and environmental consciousness in a single, powerful package.

Mechanical Specifications

- Case Material **ABS**
- Cell Type-Chemistry **Prismatic LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **25.6V**
- Nominal Capacity **102Ah**
- Standard Discharge Time **100A@60min**
- Capacity **2.6KWh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 105Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **510x205x205**
- Weight (kg) **18.0**

BMS Specifications

- Recommended Charge Current **50A**
- Maximum Charge Current **100A**
- Max Continuous Discharge Current **100A**
- Recommended Charge Voltage **27.2~27.6V**
- Maximum Charge Voltage **29.2V**
- Overcharge Protection Voltage **29.6~30.4V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **21.6V**

Charge Performance

- Rated Charge Current **50A**
- Maximum Charge Current **100A**
- Rated Charge Voltage **27.2~27.6V**
- Charge Cut-off Voltage **>29.6V**

Discharge Performance

- Rated Discharge Current **100A**
- Pulse Current($\leq 5S$) **300A**
- Rated Discharge Cut-off Voltage **21.6V**
- Minimum Discharge Cut-off Voltage **>20V**
- Short Circuit Protection **200~600 μ s**
- Short Circuit Protection **Approx. 1200A**

Temperature Performance

- Discharge Temperature **-20~60°C**
- Charge Temperature **0~45°C**
- Storage Temperature **0~45°C**
- High Temperature Cut-off **65°C**

Certifications

