

12V 150Ah LiFePO4

Product Image



Summary

BATARYASAN introduces the 12V-150Ah LiFePO4, a cuttingedge 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 12V-150Ah 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 Metal

 Cell Type-Chemistry Cylindrical LiFePO4

Terminal Type SB50/Terminal/Cable

Basic Performance

Nominal Voltage 25.6V Nominal Capacity 150Ah

Standard Discharge Time 150A@60min

Capacity 3.8KWh

Self Discharge <=2%/Month

Cells 3.2V-6Ah

Cycle Life 3000 times(25°C)

Size (mm) 420x420x175

Weight (kg)

BMS Specifications

Recommended Charge Current 75A

Maximum Charge Current 150A

Max Continuous Discharge Current 150A

Recommended Charge Voltage 27.2~27.4V

Maximum Charge Voltage 29.6V

Overcharge Protection Voltage 29.6~30V

cc/cv Charge Mode

Discharge Cut-off Voltage 21.6V

Charge Performance

• Rated Charge Current 75A

• Maximum Charge Current 150A

Rated Charge Voltage 27.2~27.4V

 Charge Cut-off Voltage > 29.6V

Discharge Peformance

• Rated Discharge Current 150A

Pulse Current(<=5S) 300A

Rated Discharge Cut-off Voltage 21.6V

Minimum Discharge Cut-off Voltage >21V

200~600 µs **Short Circuit Protection**

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





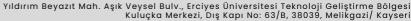








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24V 200Ah LiFePO4

Product Image



Summary

BATARYASAN introduces the 24V-200Ah LiFePO4, a cuttingedge 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-200Ah 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 Metal

 Cell Type-Chemistry Prismatic LiFePO4

Terminal Type SB50/Terminal/Cable

Basic Performance

Nominal Voltage 25.6V

Standard Discharge Time 100A@120min

Self Discharge <=2%/Month

Cells 3.2V-210Ah

Cycle Life 3000 times (25°C)

Size (mm) 250x400x160

Weight (kg)

BMS Specifications

Recommended Charge Current 50A

Maximum Charge Current 100A

Max Continuous Discharge Current 100A

Recommended Charge Voltage 27.2~27.4V

Maximum Charge Voltage 29.6V

Overcharge Protection Voltage 29.6~30V

cc/cv Charge Mode

Discharge Cut-off Voltage 21.6V

Charge Performance

• Rated Charge Current 50A

• Maximum Charge Current 100A

Rated Charge Voltage 27.2~27.4V

 Charge Cut-off Voltage > 29.6V

Discharge Peformance

• Rated Discharge Current 100A

Pulse Current(<=5S) 300A

Rated Discharge Cut-off Voltage 21.6V

Minimum Discharge Cut-off Voltage >21V

200~600 µs **Short Circuit Protection**

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











Nominal Capacity

Capacity



210Ah

5.4KWh

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