



"WE STORE THE FUTURE"

LiFePO4 BATTERY PACK

Product Image



Summary

- BATARYASAN introduces the 12V-12Ah 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 12V-12Ah 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 **Cylindrical LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **12Ah**
- Standard Discharge Time **6A@60min**
- Capacity **153.6Wh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **151x65x94**
- Weight (kg) **1.5**
- Warranty **2 Year**

BMS Specifications

- Recommended Charge Current **6A**
- Maximum Charge Current **6A**
- Max Continuous Discharge Current **12A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **6A**
- Maximum Charge Current **6A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **12A**
- Pulse Current(<=5S) **36A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 µs**
- 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



Product Image



Summary

- BATARYASAN introduces the 12V-18Ah 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 12V-18Ah 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 **Cylindrical LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **18Ah**
- Standard Discharge Time **9A@60min**
- Capacity **230.4Wh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **181x77x172**
- Weight (kg) **2.3**
- Warranty **2 Year**

BMS Specifications

- Recommended Charge Current **9A**
- Maximum Charge Current **9A**
- Max Continuous Discharge Current **18A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **9A**
- Maximum Charge Current **9A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **18A**
- Pulse Current(<=5S) **54A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 μs**
- 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



Product Image



Summary

- BATARYASAN introduces the 12V-24Ah 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 12V-24Ah 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 **Cylindrical LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **24Ah**
- Standard Discharge Time **12A@60min**
- Capacity **307.2Wh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **181x77x172**
- Weight (kg) **2.8**
- Warranty **2 Year**

BMS Specifications

- Recommended Charge Current **12A**
- Maximum Charge Current **12A**
- Max Continuous Discharge Current **24A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **12A**
- Maximum Charge Current **12A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **24A**
- Pulse Current($\leq 5S$) **72A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- 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



Product Image



Summary

- BATARYASAN introduces the 12V-50Ah 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 12V-50Ah 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 **Cylindrical LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **50Ah**
- Standard Discharge Time **25A@60min**
- Capacity **640Wh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **229x138x212**
- Weight (kg) **6**
- Warranty **2 Year**

BMS Specifications

- Recommended Charge Current **25A**
- Maximum Charge Current **25A**
- Max Continuous Discharge Current **50A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **25A**
- Maximum Charge Current **25A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **50A**
- Pulse Current(<=5S) **150A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 μs**
- 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



Product Image



Summary

- BATARYASAN introduces the 12V-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 12V-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 **12.8V**
- Nominal Capacity **102Ah**
- Standard Discharge Time **100A@60min**
- Capacity **1.3KWh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **330x175x205**
- Weight (kg) **10.0**
- Warranty **5 Year**

BMS Specifications

- Recommended Charge Current **50A**
- Maximum Charge Current **50A**
- Max Continuous Discharge Current **100A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **50A**
- Maximum Charge Current **50A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **100A**
- Pulse Current(<=5S) **300A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 μs**
- 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



Product Image



Summary

- BATARYASAN introduces the 12V-150Ah 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 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 **ABS**
- Cell Type-Chemistry **Cylindrical LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **150Ah**
- Standard Discharge Time **150A@60min**
- Capacity **1.95KWh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **510x205x205**
- Weight (kg) **18.0**
- Warranty **2 Year**

BMS Specifications

- Recommended Charge Current **50A**
- Maximum Charge Current **50A**
- Max Continuous Discharge Current **100A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **50A**
- Maximum Charge Current **100A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **100A**
- Pulse Current(<=5S) **300A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 µs**
- 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



Product Image



Summary

- BATARYASAN introduces the 12V-200Ah 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 12V-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 **ABS**
- Cell Type-Chemistry **Prismatic LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **204Ah**
- Standard Discharge Time **100A@120min**
- Capacity **2.6KWh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **510x205x205**
- Weight (kg) **20.0**
- Warranty **5 Year**

BMS Specifications

- Recommended Charge Current **100A**
- Maximum Charge Current **100A**
- Max Continuous Discharge Current **200A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **100A**
- Maximum Charge Current **200A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **200A**
- Pulse Current(<=5S) **400A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 μs**
- 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



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**
- Warranty **5 Year**

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(<=5S) **300A**
- Rated Discharge Cut-off Voltage **21.6V**
- Minimum Discharge Cut-off Voltage **>20V**
- Short Circuit Protection **200~600 µs**
- 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



Product Image



Summary

- BATARYASAN introduces the 24V-150Ah 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-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 **Prismatic 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) **32**
- Warranty **2 Year**

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**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **21.6V**

Charge Performance

- Rated Charge Current **50A**
- Maximum Charge Current **100A**
- Rated Charge Voltage **27.2~27.4V**
- Charge Cut-off Voltage **> 29.6V**

Discharge Performance

- Rated Discharge Current **100A**
- Pulse Current(<=5S) **300A**
- Rated Discharge Cut-off Voltage **21.6V**
- Minimum Discharge Cut-off Voltage **>21V**
- Short Circuit Protection **200~600 µs**
- 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



Product Image



Summary

- BATARYASAN introduces the 24V-200Ah 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-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**
- Nominal Capacity: **210Ah**
- Standard Discharge Time: **100A@120dk**
- Capacity: **5.4KWh**
- Self Discharge: **<=2%/Ay**
- Cells: **3.2V- 210Ah**
- Cycle Life: **3000 times(25°C)**
- Size (mm): **450x410x200**
- Weight (kg): **37**
- Warranty: **5 Year**

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**
- Charge Mode: **CC/CV**
- Discharge Cut-off Voltage: **21.6V**

Charge Performance

- Rated Charge Current: **50A**
- Maximum Charge Current: **100A**
- Rated Charge Voltage: **27.2~27.4V**
- Charge Cut-off Voltage: **> 29.6V**

Discharge Performance

- Rated Discharge Current: **100A**
- Pulse Current (<=5S): **300A**
- Rated Discharge Cut-off Voltage: **21.6V**
- Minimum Discharge Cut-off Voltage: **>21V**
- Short Circuit Protection: **200~600 µs**
- 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



Product Image



Summary

- BATARYASAN introduces the 48V-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 48V-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 **Metal**
- Cell Type-Chemistry **Prismatic LiFePO4**
- Terminal Type **Terminal**

Basic Performance

- Nominal Voltage **48V**
- Nominal Capacity **105Ah**
- Standard Discharge Time **100A@60min**
- Capacity **5 kWh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 210Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **450x405x210**
- Weight (kg) **37**
- Warranty **5 Year**

BMS Specifications

- Recommended Charge Current **50A**
- Maximum Charge Current **100A**
- Max Continuous Discharge Current **100A**
- Recommended Charge Voltage **51~51,4V**
- Maximum Charge Voltage **55,5V**
- Overcharge Protection Voltage **55,5~56V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **40,45V**

Charge Performance

- Rated Charge Current **50A**
- Maximum Charge Current **100A**
- Rated Charge Voltage **51~51,4V**
- Charge Cut-off Voltage **> 55,5 V**

Discharge Performance

- Rated Discharge Current **100A**
- Pulse Current(<=5S) **300A**
- Rated Discharge Cut-off Voltage **40,5 V**
- Minimum Discharge Cut-off Voltage **>39,4**
- Short Circuit Protection **200~600 µs**
- 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



Product Image



Summary

- BATARYASAN presents you the latest technology rechargeable battery, 51.2V-100Ah LiFePO4, designed to redefine energy storage. Utilizing Lithium Iron Phosphate technology, our product has an extraordinary energy density and long service life, providing reliability for various applications. With its compact design and environmentally friendly composition, our battery meets the increasing demand for sustainable energy solutions. BATARYASAN's 51.2V-100Ah LiFePO4 sets a new standard in high-performance energy storage by offering efficiency, durability and environmental awareness in a single and powerful package.
- It offers many connection advantages such as inverters, computers and mobile applications with multiple communication methods of BT/RS485/RS232S/CAN communication protocols.
- BMS functions are: Overcharge protection, overdischarge protection, overcurrent protection, short circuit protection, temperature protection, etc.

Mechanical Specifications

- Kasa Malzemesi **Metal**
- Hücre Tipi- Kimyası **Prizmatik LiFePO4**
- Terminal Tipi **M6**

Basic Performance

- Nominal Voltage **51.2V**
 - Nominal Capacity **105Ah**
 - Standard Discharge Time **100A@60min**
 - Capacity **~5,4kWh**
 - Self Discharge **<=2%/Month**
 - Cells **3.2V- 105Ah**
 - Cycle Life **3000 times(25°C)**
 - Size (mm) **575 x 445 x 155**
 - Weight (kg) **40**
 - Parallel Connectivity **Up to 16 Pieces**
 - Warranty **5 Year**
- Compatible inverter brands
 - Pylon Tech
 - Growatt
 - Voltronic
 - SRNE
 - Victron
 - Sacolar
 - Deye
 - MUST
 - Sumry
 - Sorotec
 - Sako
 - Megarevo
 - Luxpower
 - GT
 - Sofar
 - Goodwe
 - Solax
 - Afore
 - Suyeeego
 - InvT
 - Next
 - Pace
 - Solis
 - SMA
- Please contact us for other Inverter brands.

BMS Specifications

- Recommended Charge Current **50A**
- Maximum Charge Current **100A**
- Max Continuous Discharge Current **100A**
- Recommended Charge Voltage **55,5~56V**
- Maximum Charge Voltage **59,2V**
- Overcharge Protection Voltage **59,5~59,7V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **41,6V**

Charge Performance

- Rated Charge Current **50A**
- Maximum Charge Current **100A**
- Rated Charge Voltage **55,5~56V**
- Charge Cut-off Voltage **> 59,2V**

Discharge Performance

- Rated Discharge Current **100A**
- Pulse Current(<=5S) **300A**
- Rated Discharge Cut-off Voltage **43,2 V**
- Minimum Discharge Cut-off Voltage **>41,6**
- Short Circuit Protection **200~600 µs**
- 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



Product Image



Summary

- BATARYASAN introduces the 12V-12Ah 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 12V-12Ah 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 **Cylindrical LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **12Ah**
- Standard Discharge Time **6A@60min**
- Capacity **153.6Wh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **150x80x75**
- Weight (kg) **1.5**
- Warranty **2 Year**

BMS Specifications

- Recommended Charge Current **6A**
- Maximum Charge Current **6A**
- Max Continuous Discharge Current **12A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **6A**
- Maximum Charge Current **6A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **12A**
- Pulse Current(<=5S) **36A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 µs**
- 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



Product Image



Summary

- BATARYASAN introduces the 12V-18Ah 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 12V-18Ah 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 **Cylindrical LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **18Ah**
- Standard Discharge Time **9A@60min**
- Capacity **230.4Wh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **150x110x75**
- Weight (kg) **2.3**
- Warranty **2 Year**

BMS Specifications

- Recommended Charge Current **9A**
- Maximum Charge Current **9A**
- Max Continuous Discharge Current **18A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **9A**
- Maximum Charge Current **9A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **18A**
- Pulse Current(<=5S) **54A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 µs**
- 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



Product Image



Summary

- BATARYASAN introduces the 12V-24Ah 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 12V-24Ah 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 **Cylindrical LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **24Ah**
- Standard Discharge Time **12A@60min**
- Capacity **307.2Wh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **150x150x75**
- Weight (kg) **2.3**
- Warranty **2 Year**

BMS Specifications

- Recommended Charge Current **12A**
- Maximum Charge Current **12A**
- Max Continuous Discharge Current **24A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **12A**
- Maximum Charge Current **12A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **24A**
- Pulse Current(<=5S) **72A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 μs**
- Short Circuit Protection **Approx. 1200A**

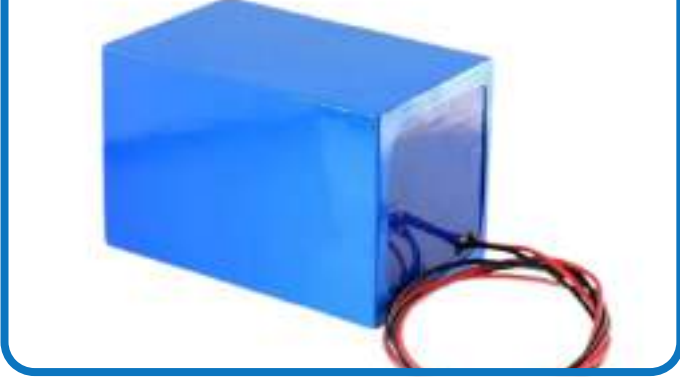
Temperature Performance

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

Certifications



Product Image



Summary

- BATARYASAN introduces the 12V-50Ah 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 12V-50Ah 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 **Cylindrical LiFePO4**
- Terminal Type **M8**

Basic Performance

- Nominal Voltage **12.8V**
- Nominal Capacity **50Ah**
- Standard Discharge Time **25A@60min**
- Capacity **640Wh**
- Self Discharge **<=2%/Month**
- Cells **3.2V- 6Ah**
- Cycle Life **3000 times(25°C)**
- Size (mm) **330x175x205**
- Weight (kg) **5.6**
- Warranty **2 Year**

BMS Specifications

- Recommended Charge Current **25A**
- Maximum Charge Current **25A**
- Max Continuous Discharge Current **50A**
- Recommended Charge Voltage **13.6~13.8V**
- Maximum Charge Voltage **14.6V**
- Overcharge Protection Voltage **14.8~15.2V**
- Charge Mode **CC/CV**
- Discharge Cut-off Voltage **10.8V**

Charge Performance

- Rated Charge Current **25A**
- Maximum Charge Current **25A**
- Rated Charge Voltage **13.6~13.8V**
- Charge Cut-off Voltage **>14.8V**

Discharge Performance

- Rated Discharge Current **50A**
- Pulse Current(<=5S) **150A**
- Rated Discharge Cut-off Voltage **10.8V**
- Minimum Discharge Cut-off Voltage **>10V**
- Short Circuit Protection **200~600 µs**
- 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

