



48v 24ah lifepo4 battery

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The is lifepo4 battery pack 48V 24Ah 15S 4P 3C high-quality LiFePO₄ Rechargeable Battery Pack with a nominal voltage of 48V and can be fully charged up to 54 V. The nominal capacity of the battery pack is 6000mah. The battery pack has an in-built BMS which prevents the battery from overcharging also prevents it from over-discharging. This Premium LiFePO₄ Rechargeable Battery Pack is made using High-Quality Lithium Iron Phosphate (LiFePO₄) rechargeable cells which are one of the most powerful and most stable cells available along with an amazing life cycle of approximately 3000cycles.

As a premier, E-bike LiFePo₄ (LFP) battery pack manufacturer/assembler, 15S 4P 24Ah 3C lithium phosphate batteries packs (32650 or 32700) as the preferred power solution for today's portable equipment. The cell in an LFP battery pack provides a higher energy density per unit volume and unit weight than Ni-based batteries. In addition, their low voltage and High capacity contribute significantly to the downsizing, weight reduction, and simplified operation of electronic devices Like electric vehicles, 2 wheels, autorickshaw cars, solar inverter batteries, solar street lights, etc.

lifepo4 battery pack 48V 24Ah Technical Specifications

Please note we provide you 32650 or 32700 depending upon stock availability. the configuration will be the same only the cell size is different. after placing the order provide the dimensions.

The lithium-iron (LiFePo₄/LFP) battery has a slight edge over the Li-ion (LiCoO₂) battery for safety. This is important because a battery should not get overheated or catch fire in case of overcharging.

The lithium-ion battery has superior chemical and thermal stability. A Lithium-iron battery remains cool at room temperature while the Li-ion may suffer thermal runaway and heats up faster under similar charging conditions.

LFP is a nontoxic material, but LiCoO₂ is hazardous in nature, so is not considered a safe material. The disposal of Lithium-ion batteries is a big concern for the manufacturer and user.

LiFePO₄ battery is Environmentally friendly, which will not destroy the ecological environment, also have no memory effects. Safety and economical Few Advantages of LiFePo₄ batteries:

Have low internal resistance and high flat voltage characteristics during strong current discharge, which ensures a wider application field.

Provide long storage life with few limiting conditions. It offers problem-free charge after long storage, permitting it to use in a wide range of applications.



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Compliant to: IEC 62133-2

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