



# 60v 30ah lithium iron phosphate battery

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As a premier, E-bike LiFePo<sub>4</sub> (LFP) battery pack manufacturer/assembler, 20S 5P 30Ah 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.

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 (LiFePo<sub>4</sub>/LFP) battery has a slight edge over the Li-ion (LiCoO<sub>2</sub>) 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 LiCoO<sub>2</sub> 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.

LiFePO<sub>4</sub> battery is Environmentally friendly, which will not destroy the ecological environment, also have no memory effects. Safety and economical Few Advantages of LiFePo<sub>4</sub> batteries:

With our advanced BMS protective plate and premium A grade cells, our batteries are designed to prevent overcharging, over-discharge, over-current, and short circuits, ensuring exceptional longevity for our products. This makes them the ideal selection for any application. Features: 1) Safety and economical

LiFePO<sub>4</sub>, also known as lithium iron phosphate battery, is renowned for its exceptional stability, superior thermal tolerance, and enhanced safety in contrast to other lithium-ion chemistries such as NCM.

These batteries exhibit low internal resistance and high, steady voltage properties when subjected to high current discharges, which widens their potential applications.

Fully charged in up to 2 hours. With a low self-discharge rate of under 3% per month, this product doesn't necessitate frequent charging or maintenance, even if it sits unused for a prolonged period. Technical Parameters:



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