



LFR SERIES

LiFePO₄ Battery Technology

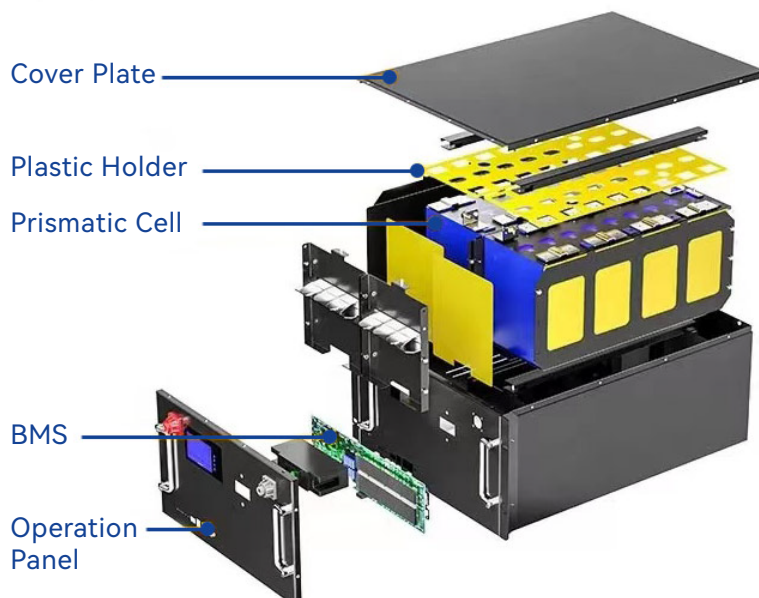


Our Rack-Mount lithium battery is built with top-tier Grade A cells, ensuring an extended cycle life and consistent performance. Equipped with an advanced Battery Management System (BMS), it elevates system efficiency, extends battery life, and prioritizes safety.

Designed for telecom equipment backup power and household energy storage systems, it offers outstanding safety, high energy density, long life, excellent temperature performance, and eco-friendly power generation.

With the added convenience of an LCD display, users can effortlessly check battery status at any time. Additionally, the battery offers seamless information monitoring via its exceptional RS232/485 communication function when connected to a computer. Choose NPP for reliable and advanced energy solutions.

Product Structure



Product Features

Certification | CE, UN38.3, MSDS

Smart BMS | Monitors and manages battery vitals and performance

Easy Installation | Easy connection, Plug&Play function.

Longer Cycle Life | 6000+ cycles at 100% DOD

LFR SERIES

LiFePO₄ Battery Technology

Application



Telecommunication
Systems



Solar & Wind
Energy Storage



UPS



Data Center



Electric Power
Systems



Rail and
Transportation
Data Center

Technical Specification

Battery Model	LFR51.2-100
Rated Voltage	51.2V
Rated Capacity	100Ah
Discharge Current	100A
Peak Discharge Current (30S)	300A
Cut off Discharge Voltage	44.8V
Charge Voltage	58.4V
Charge Current	20A
Weight (KG)	46.00
Dimension (LxWxH) mm	442x420x133
Height**	3U

*The LFR series range includes but is not limited to the above models! Please contact us for more information.

**Rack Unit: 1U = 44.45 mm (EC 60297-3-108:2014)