



# LFR SERIES

LiFePO<sub>4</sub> Battery Technology

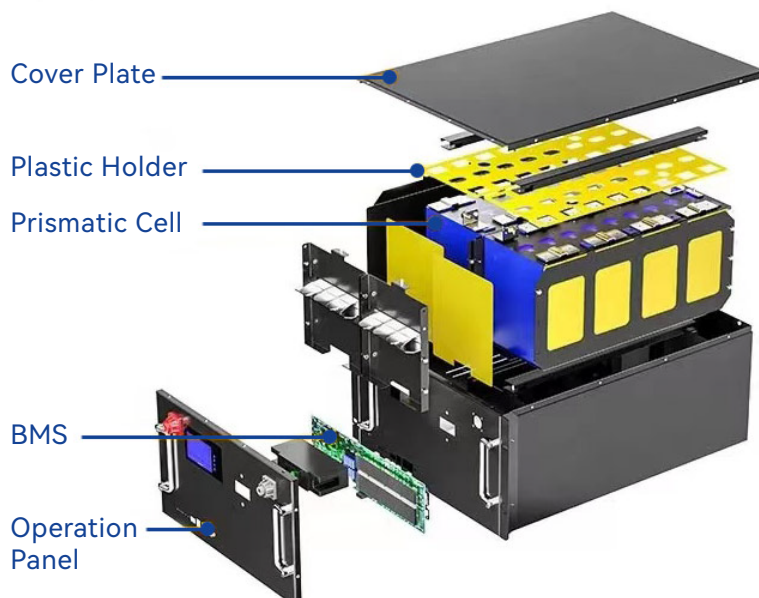


Our Rack-Mount lithium battery is built with top-tier Grade A cells, ensuring an extended cycle life and consistent performance. Equipped with an advanced Battery Management System (BMS), it elevates system efficiency, extends battery life, and prioritizes safety.

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



**NPP Power Europe B.V.**

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## Application



Telecommunication  
Systems



Solar & Wind  
Energy Storage



UPS



Data Center



Electric Power  
Systems



Rail and  
Transportation  
Data Center

## Technical Specification

Battery Model	LFR25.6-100	LFR25.6-200	LFR51.2-100	LFR51.2-200	LFR51.2-280
Rated Voltage	25.6V	25.6V	51.2V	51.2V	51.2V
Rated Capacity	100Ah	200Ah	100Ah	200Ah	280Ah
Discharge Current	100A	100A	100A	200A	200A
Peak Discharge Current (30S)	300A	300A	300A	300A	300A
Cut off Discharge Voltage	22.4V	22.4V	44.8V	44.8V	44.8V
Charge Voltage	29.2V	29.2V	58.4V	58.4V	58.4V
Charge Current	20A	40A	20A	40A	50A
Weight (KG)	26.90	46.30	46.00	85.00	115.00
Dimension (LxWxH) mm	442x420x133	442x420x133	442x420x133	442x420x311	442x650x222
Height**	3U	3U	3U	7U	5U

\*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)



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