



# LFS SERIES

LiFePO<sub>4</sub> Battery Technology



NPP Wall/Floor-Mount lithium battery is engineered with utmost reliability, utilizing Grade A cells to ensure extended cycle life and unwavering performance. These battery packs feature an advanced Battery Management System (BMS) that not only elevates system efficiency but also extends the battery's lifespan while prioritizing safety.

Designed to provide a wide array of household applications, including PV self-consumption, backup power, load shifting, and off-grid solutions, this battery is a versatile choice. With its outstanding safety record, high energy density, and impressive longevity, it stands as a dependable energy solution for your needs.

Last but not least, our lithium battery comes equipped with a user-friendly LCD display, allowing for convenient real-time monitoring of battery status. You can also seamlessly access vital information via its exceptional RS232/485 communication function when connected to a computer. Stay informed and in control with NPP's Lithium Battery technology.

## Product Features



### Long Cycle Life

6000 Cycles (25°C, 80% DOD) for effectively lower total of ownership cost



### Longer Service Life

Low maintenance batteries with stable chemistry



### Built in Circuit Protection

Battery Management System (BMS) is incorporated against abuse



### Better Storage

Up to 6 months thanks to its extremely low self discharge (LSD) rate and no risk of sulphation



### Quickly Recharge

Save time and increase productivity with less downtime thanks to superior charge/discharge efficiency



### Extreme Heat Tolerance

Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C



### Light Weight

Lithium batteries offer a higher Wh/kg ratio while weighing up to one-third less than their equivalent SLA counterparts.



**NPP Power Europe B.V.**

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## Application



Base Stations  
Telecommunications



Solar&Wind  
Energy Storage



UPS



Data Center



Electric Power  
Systems



All-purpose

## Technical Specification

Battery Model	LFS25.6-100	LFS25.6-200	LFS51.2-100	LFS51.2-200	LFS51.2-280
Rated Voltage	25.6V	25.6V	51.2V	51.2V	51.2V
Rated Capacity	100Ah	200Ah	100Ah	200Ah	280Ah
Discharge Current	100A	150A	100A	200A	200A
Peak Discharge Current	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	56A
Weight (KG)	24.00	46.50	46.50	83.00	115.00
Dimenison (L*W*H)mm	370*160*400	370*160*600	370*160*600	500*170*850	852*588*260

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

\*Certification: CE, UN38.3, MSDS



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