

High-Voltage Lithium Battery

MOTOMA DSE-LFP 614.4V



100 AH | 150 AH | 200 AH

Introducing the MOTOMA High Voltage Battery 614.4V, the epitome of safety and reliability in the world of energy storage. This cutting-edge lithium iron phosphate battery system is specifically designed to cater to the demanding needs of UPS, home storage, and industrial as well as commercial energy storage fields. Offering high performance, exceptional stability, and unparalleled efficiency, the MOTOMA High Voltage Battery ensures seamless operation across a wide range of applications. Whether you're looking to secure uninterrupted power supply, optimize home energy consumption, or enhance industrial energy capabilities, this 614.4V system delivers the solution you need with unmatched versatility and reliability.

Features

■ Safe, Reliable, and Long Life :

Built with safety at its forefront, our battery system offers unmatched reliability and longevity, ensuring peace of mind for all users.

■ Standardized Module Design:

The system's modular design promotes ease of installation and scalability, allowing for straightforward integration into various energy storage applications.

■ Discharge and Charge Control :

Enhanced control mechanisms allow for efficient management of both charging and discharging processes, optimizing performance and extending battery life.

■ No-Gap Power Supply :

Engineered to provide a continuous power supply, ensuring that your energy needs are met without interruption.

■ Communication Ports (CAN/RS485/LAN) :

Offers versatile connectivity options, facilitating seamless communication with energy management systems for real-time monitoring and control.

■ LED Display:

A user-friendly LED display provides essential information at a glance, allowing for easy monitoring of the battery's status and performance.

■ Flexible Capacity :

The system's design supports capacity expansion, enabling customization to meet specific energy requirements, providing a tailored solution for every user.

■ Efficient Operation and Maintenance:

Designed with efficiency in mind, the battery system ensures straightforward operation and minimal maintenance, reducing downtime and operational costs.

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Commercial Premises



Industrial Park



Mine



Petrol Station



Pastoral



Data center



Island

Technical Parameter

Battery Model	DSE-LFP 614.4V 100A	DSE-LFP 614.4V 150A	DSE-LFP 614.4V 200A
Nominal voltage	614.4V	614.4V	614.4V
Capacity	100Ah	150Ah	200Ah
Nominal capacity	61KWh	92KWh	122KWh
Operating voltage range	537.6V~691.2V	537.6V~691.2V	537.6V~691.2V
Maximum charging current	50A	75A	100A
Maximum discharging current	50A	75A	100A
Charging temperature range	0°C~45°C	0°C~45°C	0°C~45°C
Discharging temperature range	-20°C~60°C	-20°C~60°C	-20°C~60°C
Dimension	1500*1200*800 mm	1500*1200*800 mm	1500*1200*800 mm
IP level		IP20	
Cycle life	6000 Cycles @ DOD 80% / 8000 Cycles @ DOD 50%		
Communication mode	RS232 / CAN		