

# HIGH-VOLTAGE LITHIUM BATTERY

## MOTOMA DSE-LFP 614.4V



## 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.

### ■ Communication Ports (CAN/RS485/LAN):

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

### ■ No-Gap PowerSupply:

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

### ■ LCD Display:

A user-friendly LCD 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.



Commercial Premises



Industrial Park



Mine



Pastoral



Petrol Station



Island



Date Center

## Technical Parameters

BATTERY MODEL	DSE-LFP614.4V100A	DSE-LFP614.4V100A	DSE-LFP614.4V100A
Nominal Voltage	614.4V	614.4V	614.4V
Capacity	100Ah	150Ah	200Ah
Nominal Capacity	61.44KWh	92.16KWh	122.88KWh
Battery Module	12*16S2P		
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*800mm	1500*1200*800mm	1500*1200*1000mm
Ip Level	IP20		
Cycle Life @ Dod 80%	6000 Cycles @ DOD 80% / 8000 Cycles @ DOD 50%		
Communication Mode	CAN / RS485 / LAN		