



High-Voltage Lithium Battery

MOTOMA HV-M 113 ~ 193-V26A

Introducing the MOTOMA High Voltage Battery, 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

■ Smart Control & Data Visualization:

Data is visualized and intelligently controlled via Wi-Fi, with an easy-to-use interface that combines intelligence and high performance.

■ 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. Up to 8 battery cabinets can be managed in parallel.

■ 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.

■ LCD Display :

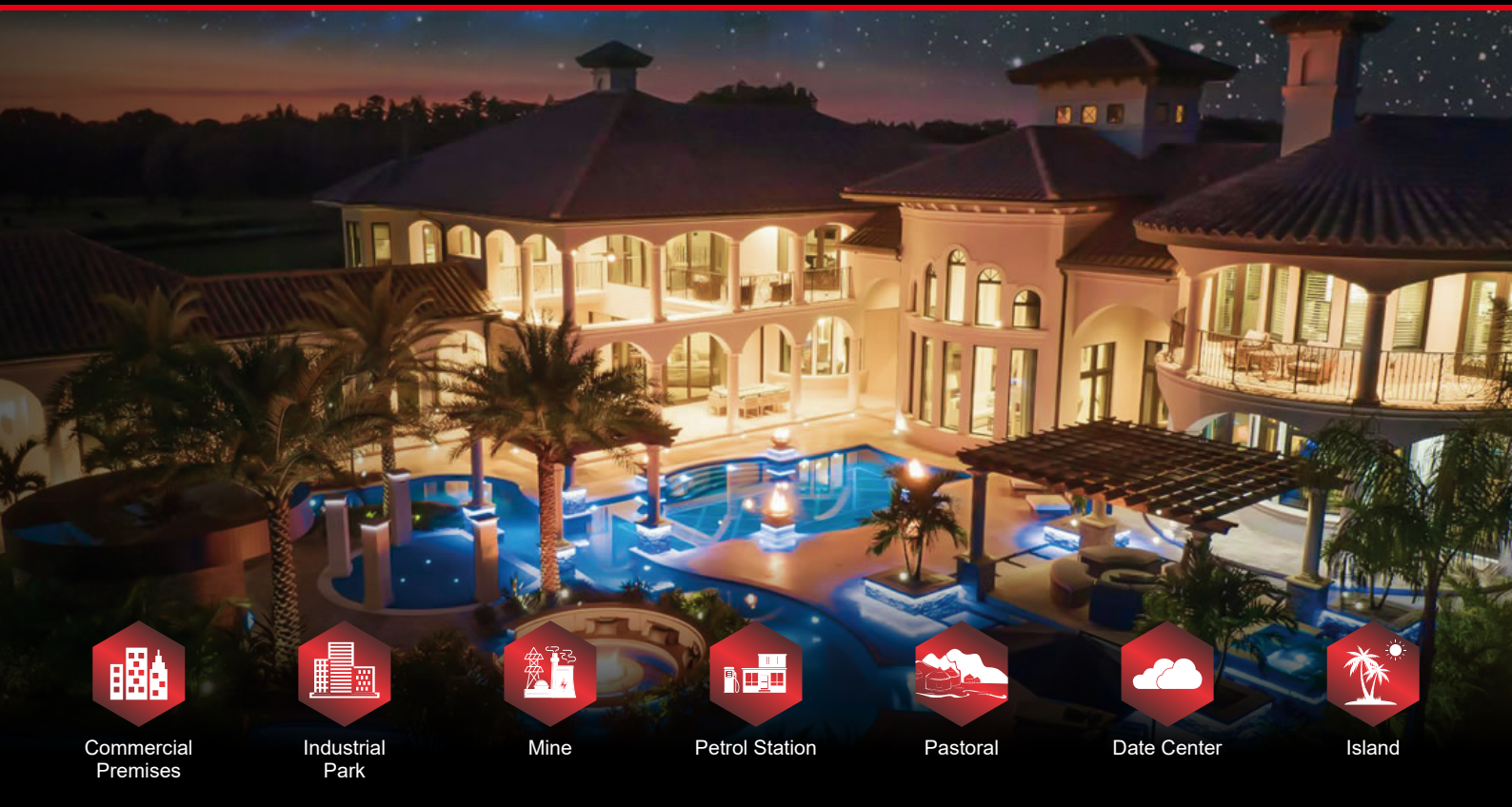
A user-friendly LCD display provides essential information at a glance, allowing for easy monitoring of the battery's status and performance

■ 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
PremisesIndustrial
Park

Mine

Petrol Station

Pastoral

Data Center

Island

Technical Parameters

BATTERY MODEL	HV-M113	HV-M129	HV-M161	HV-M193
Module Capacity	314Ah			
Module Nominal Voltage	51.2V			
Module Energy	16.07kWh			
Module Voltage Range	43.2 ~ 57.6V			
Module Dimension (W × D × H)	760×440×230mm			
Module Weight Approximate	115Kg			
Battery Module Qty In Series	7	8	10	12
System Nominal Voltage	358.4V	409.5V	512V	614.4V
System Energy	112.5kWh	128.6kWh	160.8kWh	192.9kWh
System Voltage Range	302.4~403.2V	345.6~460.8V	432~576V	518.4~700.8V
System Dimension (W × D × H)	1086×815×1068mm	1086×815×1280mm	1630×815×1068mm	1630×815×1280mm
System Weight Approximate	850Kg	970Kg	1210Kg	1450Kg
Max. Charging Current	150A			
Max. Discharging Current	150A			
Cycle Life	8000			
Charging Temperature Range	0°C ~ 45°C			
Discharging Temperature Range	-20°C ~ 60°C			
Humidity	5% ~ 85%RH			
Altitude	≤3000m			
IP Rating of Enclosure	IP20			
Recommend Depth of Discharge	0.9			
Installation Location	Rack-Mounted			
Storage Temperature	0°C ~ 35°C			
Communication Port	RS485/CAN			