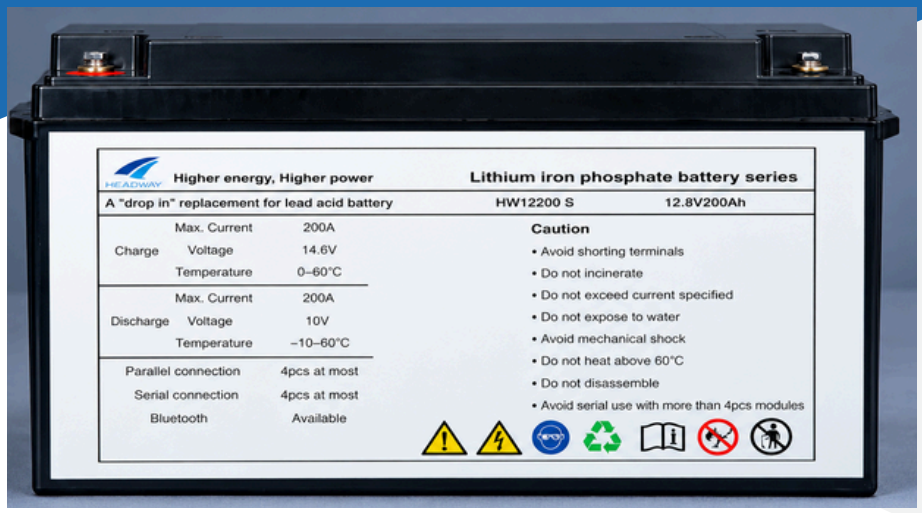
12.8V 200Ah LiFePO4 Industrial Battery

HW12200 | High-Capacity Industrial & Backup Power



Product Overview

The Headway HW12200 is a 12.8V 200Ah lithium iron phosphate (LiFePO4) battery delivering approximately 2.56 kWh of nominal energy. Designed for industrial backup and auxiliary power applications, it provides extended runtime, efficient energy storage and reduced routine maintenance compared with traditional flooded lead-acid batteries.

Key Features

- 12.8V nominal voltage
- 200Ah nominal capacity
- Approximately 2.56 kWh stored energy
- 200A maximum charge / discharge
- Integrated battery management system (BMS)
- Bluetooth monitoring available
- Up to 4 batteries in parallel or series
- LiFePO4 battery chemistry

Applications

- Industrial UPS and backup power
- Telecommunications systems
- Remote industrial installations
- Control and instrumentation systems
- Emergency and standby power
- Mobile machinery and auxiliary power
- Compatible lead-acid replacement applications

Key Benefits

High Power Capability

200A maximum charge and discharge capability supports demanding loads.

Bluetooth Monitoring

Bluetooth connectivity is available for compatible app-based battery monitoring.

Flexible Expansion

Up to 4 batteries may be connected in parallel or series for compatible system configurations.

Long Service Life

LiFePO4 chemistry is suited to frequent charge and discharge cycles.

APS Technology

APS TECHNOLOGY

APS Technology Australia Pty Ltd, Sydney NSW, Australia

www.aps-technology.com.au | +61 481 912 826 | info@aps-technology.com.au

TECHNICAL SPECIFICATIONS & APPLICATIONS

Technical Specifications

Parameter	Specification
Model	HW12200
Brand	Headway
Battery Type	LiFePO4
Nominal Voltage	12.8V
Nominal Capacity	200Ah
Nominal Energy	Approx. 2.56 kWh
Battery Management	Integrated BMS
Application	Industrial & Backup Power

Battery Selection Considerations

- Charge voltage: 14.6V
- Charge temperature: 0–60°C
- Discharge temperature: –10–60°C
- Parallel connection: up to 4 units
- Series connection: up to 4 units



Why Choose the HW12200?

- **Higher Energy Capacity**
- **Approximately 2.56 kWh of nominal stored energy for extended backup requirements.**
- **High Current Capability**
- **Up to 200A maximum charge and discharge capability for demanding applications.**
- **Bluetooth Monitoring**
- **Bluetooth connectivity is available for compatible app-based battery monitoring.**
- **Flexible Configuration**
- **Up to 4 batteries may be connected in parallel or series for compatible system designs.**

Conclusion

The Headway HW12200 combines 2.56 kWh nominal energy, integrated BMS, 200A charge/discharge capability and available Bluetooth monitoring for industrial backup, telecommunications and auxiliary power applications.

APS Technology Australia can assist with battery selection based on load requirements, backup duration, charging compatibility and system configuration.