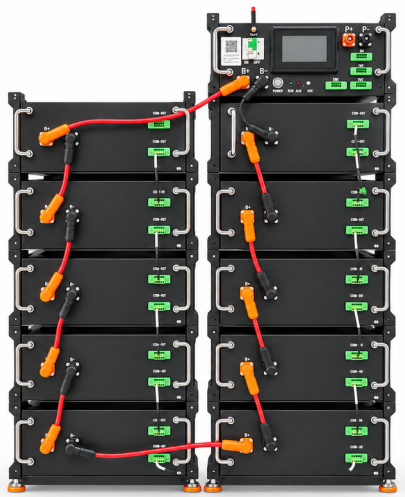
Battery series



51.2V200Ah-HV

51.2V 200Ah | 10.24 kWh

COMMERCIAL & INDUSTRIAL | HIGH-VOLTAGE ESS

1. **Safe LiFePO4 Chemistry**
   Stable lithium iron phosphate battery module.

2. **High-Voltage Modular Design**
   Supports project configurations up to 17 modules in series.

3. **Smart BCU & BMU Management**
   Secondary battery-management architecture for system control.

4. **CAN / RS485 Communication**
   Verified interfaces for compatible system integration.

5. **80 A Recommended / 100 A Max.**
   Published module charge and discharge current values.

6. **Long Service Life**
   >= 6,000 published cycles.

Parameters

Items	51.2V200Ah-HV
Rated Energy	10.24 kWh
Nominal Voltage	51.2 V
Nominal Capacity	200 Ah
Cell Type	LiFePO4
Module Dimensions	395 x 547 x 265 mm (W x D x H)
Module Weight	Approx. 77 kg
Series Expansion	Up to 17 Modules
Recommended Charge / Discharge Current	80 A
Maximum Charge / Discharge Current	100 A
Working Temperature	0 C to 60 C
Storage Temperature	0 C to 35 C
Cooling Mode	Natural Cooling
Communication Interface	CAN / RS485
Humidity	5% to 85% RH
Altitude	<= 2000 m
4-Module System Dimensions	383 x 605 x 1190 mm (W x D x H)
4-Module System Weight	Approx. 323 kg
Iron Frame Dimensions	383 x 605 x 1880 mm (W x D x H)
Iron Frame Weight	Approx. 64 kg
Installation	Stack Mounting / Iron Frame Mounting
Recommended Depth of Discharge	90%
Cycle Life	>= 6,000 Cycles
Certification	CE / MSDS / UN38.3

Specifications are subject to confirmation in the final sales contract.