

# FHB-200

## High Voltage Battery System



Easy installation with modular and stacked design

**100A**

Supports up to 100A Rated charging/discharging

**53.7~130.5kWh**

Batteries are stacked in modules, scalable from



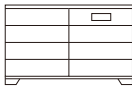
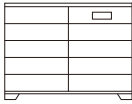
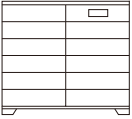
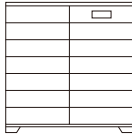

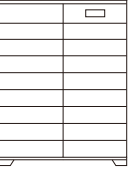
Cell-level active equalization

**IP54**

IP54 rating, supports outdoor installation



Support remote software upgrade (OTA)

Model	FHB-200					
<b>Electrical Parameters</b>						
	T7	T9	T11	T13	T15	T17
System Structure						
NO. Of Series Battery	7	9	11	13	15	17
Rated Energy (kwh)	53.7	69.1	84.4	99.8	115.2	130.5
Usable Energy (kwh)	48.3	62.2	76	89.8	103.6	117.6
Rated Voltage (V)	268.8	345.6	422.4	499.2	576	652.8
Voltage Range (V)	235.2~302.4	302.4~388.8	369.6~475.2	436.8~561.7	504~648	571.2~734.4
Battery Type	Li-ion (LFP)					
Rated Capacity(Ah)	200Ah					
Charge Current(A)	100A (Rated)					
Discharge Current (A)	100A (Rated)					
Cycle Times	≥6,000 cycles at 80% DOD, with ≥80% capacity retention (EOL).					
Communication	RS-485/CAN 2.0					
Protection function	Over voltage / Under voltage / Over temperature / Low temperature / Over current / Short circuit					
Dimension [W*D*H, mm]	820*801.5*716	820*801.5*855	820*801.5*994	820*801.5*1133	820*801.5*1274	820*801.5*1413
<b>Working Conditions</b>						
Range of working temperature	Charge: 0°C~55°C Discharge: -20°C~55°C					
Optimal working temperature range	20°C~30°C					
Storage temperature	20°C~55°C					
Working humidity	5%-95% (No condensation)					
Altitude	≤3000m					
Protection degree	IP54					
Cooling method	Natural cooling					
Certificate	CB, UN38.3, MSDS					