



Modular&Stacked Lithium Battery System

High Voltage 5kwh-20kwh

6000 Cycles



Top brand cells such as CATL/BAK grade A+ quality



Cells cycle times 6000 cycles 5 years warranty, 10+ years life design



Optional for cells brand (BAK/CATL) and IP Level (IP20/65)



Modular & Stacked Design for easy installation and expansion



High density, small size and weight



Big charge and discharge current, suitable for solar storage system



LCD display with communication port(CAN/RS485/RS232)



Smart BMS can communicate with following Brand of Solar Inverter

MODEL	XHB-51.2VKWh	XHB-10.4VKWh	XHB-15.3VKWh	XHB-20.4VKWh
System demo				
Battery Module	XLB-51.2V 50Ah			
No. of Module	2	4	6	8
Normal Capacity(25C, 0.2C)	5.12KWh	10.24KWh	15.36KWh	20.48KWh
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Normal Voltage(DC)	102.4V	204.8V	307.2V	409.6V
Voltage window (Vdc)	89.6 ~ 116.8V	179.2 ~ 233.6V	268.8 ~350.4V	358.4~ 467.2V
Dimmension	479*192*596mm	479*192*930mm	479*192*1264mm	479*192*1598mm
Weight	92KG	158KG	224KG	290KG
Normal charge/ discharge current (A)	25A			
Max.charge/ discharge current (A)	50A			
Cycle life(+25C 0.2C 100%DOD)	> 6000 Cycles	> 6000 Cycles	> 6000 Cycles	> 6000 Cycles
Terminal	Double M6	Double M6	Double M6	Double M6
Cell equalizer current(A)	1-5A max			
IP degree	IP20, IP 65 (Optional)			
Storage temperature	0C~ 30C			
Storage duration	6 months at 25C			
Safety standard	UN38.3,MSDS,CE,UL			
Communication function	RS485/CAN(Communication protocol supported inverter brand: Deye, Growatt, Voltroni, GOODWE, VICTRON, PYLONTEC, SMA, SOFAR, INVT, LUXPOWER)			
PROTECTION				
Protection	Overcharge protection, Overdischarge protection, Overcurrent protection, Shortcircuit protection, Overtemperature protection			
AMBIENT				
Noise(dB)	< 40dB (1 meter)			
Working Temperature	-10C~ +50C			
Humidity	0~95% (no condensation)			
Sea Level(m)	≤1500			