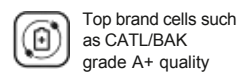




Modular&Stacked Lithium Battery System

Low 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	XLB-51.2V100AH	XLB-51.2V200AH	XLB-51.2V300AH	XLB-51.2V400AH
Battery Module	SK-51.2V100AH			
No. of Module	1	2	3	4
Normal Capacity(25C, 0.2C)	100Ah (5120Wh)	200Ah (10.24KWh)	300Ah (15.36KWh)	400Ah (20.48KWh)
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Voltage window (Vdc)	44.8 ~ 58.4V	44.8 ~ 58.4V	44.8 ~ 58.4V	44.8 ~ 58.4V
Folat Charge Voltage(Vdc)	56.0V	56.0V	56.0V	56.0V
Max.continue discharge current	100A	200A	300A	400A
Max.pulse discharge current (A)	150A 1Sec.	300A 1Sec.	450A 1Sec.	600A 1Sec.
Max.continue charge current (A)	50A	100A	150A	200A
Cycle life(+25C 0.2C 100%DOD)	> 6000 Cycles	> 6000 Cycles	> 6000 Cycles	> 6000 Cycles
Terminal	Double M8	Double M8	Double M8	Double M8
Cell brand	CATL or BAK (BAK for IP 65 design only)			
IP degree	IP20, IP 65 (Optional)			
Storage temperature	0C~ 30C			
Storage duration	6 months at 25C			
Safety standard	UN38.3,MSDS,CE			
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			
DIMENSION (Following data is for 1pc*basement only)				
L×W×H (products size) mm	CATL (IP20): 830*422*95	CATL(IP65):850*430*95	BAK(IP65):703*455*95	
L×W×H (package size) mm	CATL (IP20): 842*434*107	CATL(IP65):862*442*147	BAK(IP65):716*468*108	
Weight(NW Kg)	CATL (IP20): 7KGS	CATL(IP65):7.5KGS	BAK(IP65):6KGS	
Weight(NW Kg)	CATL (IP20): 7KGS	CATL(IP65):8KGS	BAK(IP65):6.5KGS	
DIMENSION (Following data is for 1pc*51.2V 100Ah only)				
L×W×H (products size) mm	CATL (IP20): 830*445*192	CATL(IP65):870*454*192	BAK(IP65):720*478*192	
L×W×H (package size) mm	CATL (IP20): 882*489*249	CATL(IP65):927*502*254	BAK(IP65):716*518*250	
Weight(NW Kg)	CATL (IP20): 58KGS	CATL(IP65):59KGS	BAK(IP65):51KGS	
Weight(NW Kg)	CATL (IP20): 60KGS	CATL(IP65):61KGS	BAK(IP65):53KGS	