



High Voltage | LiFePO4 BATTERY

BXB 5K/10K/15K/20K/25K/30KHV



Reliable battery cells and BMS control



Quick stackable plug-in design



IP55 outdoor and indoor application



Support black start



Parallel capacity up to 10 clusters



Support low temperature charging and discharging

Model	BXB 5KHV	BXB 10KHV	BXB 15KHV	BXB 20KHV	BXB 25KHV	BXB 30KHV
Battery Module Quantity	1	2	3	4	5	6
Total Capacity	50 Ah					
Nominal Voltage	102.4 V	204.8 V	307.2 V	409.6 V	512 V	614.4 V
Size, W*D*H mm, inches	560*400*503, 22.0*15.7*19.8	560*400*735, 22.0*15.7*28.9	560*400*967, 22.0*15.7*38.1	560*400*1199, 22.0*15.7*47.2	560*400*1431, 22.0*15.7*56.3	560*400*1663, 22.0*15.7*65.5
Total Energy	5.1 KWH	10.2 KWH	15.3 KWH	20.4 KWH	25.6 KWH	30.7 KWH
Rated Charge/Discharge Current	30 A, 0.6C					
Weight	89.2 kg, 196.7 lbs	148.1 kg, 196.7 lbs	207.6 kg, 457.7 lbs	266.8 kg, 588.2 lbs	326 kg, 718.7 lbs	385.2 kg, 849.2 lbs
Design Cycle Life	6000, 0.5C at 25 °C, 80% DOD, 80% SOH					
Operating Temperature ^[1*]	Charging Temperature: -5 °C~55 °C/5 °F~131 °F Discharge Temperature: -15 °C~55 °C/5 °F~131 °F					
Storage Temperature ^[2*]	-15 °C~55 °C, 5 °F~131 °F					
Self-Discharge Rate of Module	≤2% per month, at 25 °C/77 °F					
Max. Parallel Capacity	307 KWH					
Ingress Protection	IP55, in stacked up state					
Certificates & Standards	IEC 62619/EN 61000-6-1 & EN 61000-6-3/UN38.3/RoHS, REACH					
Warranty	10Years					

[1*] Recommended operating temperature: 10~30 °C/50 °F~86 °F.

[2*] Recommended storage temperature: 10~30 °C/50 °F~86 °F.

Specifications are subject to change without advanced noticed.