

BXB 10-30KHV

LIFEPO4 BATTERY

High Voltage



- ✓ Support black start.
- ✓ Quick stackable plug-in design.
- ✓ Support low temperature charging and discharging.
- ✓ IP55 outdoor and indoor application.
- ✓ Parallel capacity up to 10 clusters.
- ✓ Reliable battery cells and BMS control.



+34 985 194 232



www.bexieenergy.com



Calle Peña Santa 68, Polígono Industrial
Silvota, 33192, Llanera, Asturias



BXB 10-30KHV

LIFEPO4 BATTERY

Model

BXB 5KHV

BXB 10KHV

BXB 15KHV

BXB20KHV

BXB 25KHV

BXB 30KHV

Electrical Characteristics

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	10 years					

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

(2*) Recommended storage temperature: 10~30 °C/50 °F~86 °F

(*) This product requires a minimum of two battery modules (10kW) for operation.

Specifications are subject to change without advanced noticed



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