



CATL Cells Inside

# Low Voltage | LiFePO4 BATTERY

BXB 5KWH/10KWH-PRO (CATL Cells)



Reliable CATL battery cells



IP65 outdoor and indoor application



Advanced BMS control



Parallel capacity up to 160KWH



Fashionable and slim design



Support low temperature charging and discharging

Model	BXB 5KLV-PRO	BXB 10KLV-PRO
Rated Capacity	100Ah	200Ah
Rated Voltage	51.2 V	51.2 V
Rated Energy	5.12KWH	10.24KWH
Max. Parallel Quantity	32 sets in parallel, 163.84KWh	16 sets in parallel, 163.84KWh
Related Charging / Discharge Current	0.6C ,60A	0.6C, 120A
Max Discharge Continuous Current	1C 100A at >70% SOC	0.6C, 120A
Battery Max Charge / Discharge Power	3.07KW/5.12KW	6.14KW/6.14KW
Peak Discharge Current / Power	105A / 5.37KW, 1min	160A / 8.19KW, 1min
Available SOC Range	0% ~ 100% 90% DOD is recommended	0% ~ 100% 90% DOD is recommended
Dimensions[W*D*H]	Width: 460 (±5) mm / 18.11 in, Depth: 165 (±5) mm / 6.50 in, Height: 652 (±5) mm / 25.67 in	Width: 550 (±5) mm / 21.65 in, Depth: 165 (±5) mm / 6.50 in, Height: 869 (±5) mm / 34.21 in
Weight	~50Kg	~94Kg
[1*] Operating Temperature	Charging Temperature : -5 °C ~ 55 °C / 23 °F ~ 131 °F Discharge Temperature : -15 °C ~ 55 °C / 5 °F ~ 131 °F	
[2*] StorageTemperature	-15 °C ~ 55 °C / 5 °F ~ 131 °F	
Working Humidity	5 ~ 95% RH Non-Condensing	
Altitude	≤ 2000 m / 6562 ft	
Communication	CAN / RS485 / Dry Contact / WiFi (WiFi Stick Optional)	
Certification	TÜV / IEC 62619 / IEC 62040 / IEC 61000 / UN38.3 / RoHS / REACH	
Cycle Life	6000	
Warranty	10 Years Limited Warranty	
IP Rating	IP65	
[1*] Recommended Operating Temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F	[2*] Recommended Storage Temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F	

Specifications are subject to change without advanced noticed.