



Europe based
aftersale service
Company HQ in Spain



CATL Cells Inside

BXB5K/10KWH-PRO

Low Voltage

LiFePO4 BATTERY



CATL battery cells inside



Advanced BMS control



Fashionable and slim design



Internal heating for low temperature areas



IP65 outdoor and indoor application



Parallel capacity up to 160kW



Wall-mounted or floor-standing installations



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CALLE COVADONGA 5, 33002 (OVIEDO, ASTURIAS)

www.bexiegroup.com

BEXIE GROUP designs, manufactures and delivers high-performance solar electric technology worldwide. Our high-efficiency solar cells enable us to produce different types of solar panels with highest efficiency.

BXB5K/10KWH-PRO

LiFePO4 BATTERY

Electrical Characteristics		
Model	BXB 5KLV	BXB 10KLV
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*] Storage Temperature	-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	

Specifications are subject to change without advanced noticed.

[1*] Recommended Operating Temperature: 10 ~ 30°C / 50°F ~86°F

[2*] Recommended Storage Temperature: 10 ~ 30°C / 50°F ~86°F