



Europe based
aftersale service
Company HQ in Spain



BXB 5KLV-PRO

Low Voltage

LiFePO4 BATTERY



Reliable battery cells



Advanced BMS control



Fashionable and slim design



Internal heating for low temperature areas



IP65 outdoor and indoor application



Parallel capacity up to 160kWh



Wall-mounted or floor-standing installations



+34 985 194 232

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.

BXB 5KLV-PRO

LiFePO4 BATTERY

Electrical Characteristics	
Model	BXB 5KLV
Rated Capacity	100Ah
Rated Voltage	51.2 V
Rated Energy	5.12kWh
Max. Parallel Quantity	32 sets in parallel, 163.84kWh
Related Charging / Discharge Current	0.6C ,60A
Max Discharge Continuous Current	1C 100A at >70% SOC
Battery Max Charge / Discharge Power	3.07kW/5.12kW
Peak Discharge Current / Power	105A / 5.37kW, 1min
Available SOC Range	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
Weight	~50Kg
[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