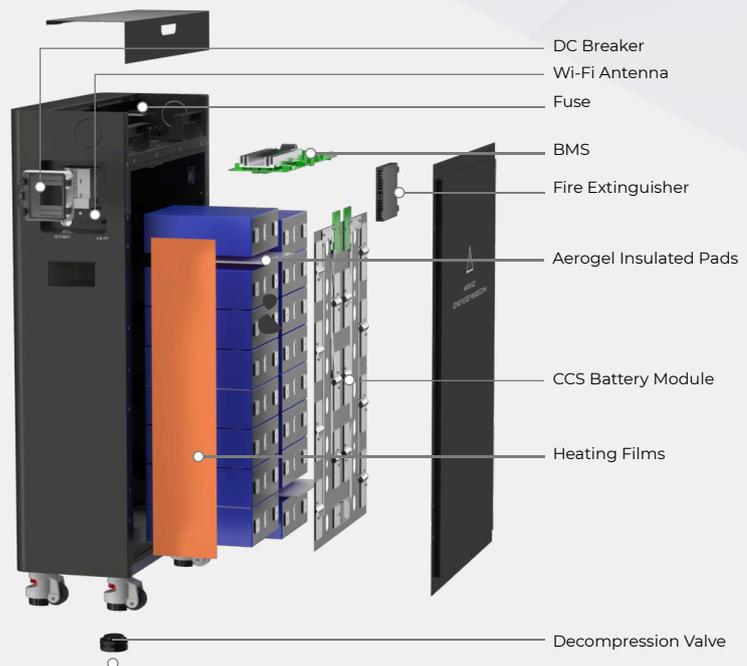


Power Lite Plus Series

AI-POWERED BATTERY SAFETY DETECTION
AND CUSTOMER SERVICE



- ✓ High-safety LFP Battery Cells
- ✓ Advanced BMSControl
- ✓ Supports Charging Down to $-15^{\circ}\text{C} / 5^{\circ}\text{F}$
- ✓ Max. 64 Sets in Parallel
- ✓ Automatic Parallel Configuration
- ✓ IP65
- ✓ Easy Installation
- ✓ Blackout and Emergency Backup



Power Lite Plus Series



AI-POWERED BATTERY SAFETY DETECTION AND CUSTOMER SERVICE

Model

BXB16KLV

Characteristics

Cell Type	LiFePO4
Rated Capacity	314 Ah
Rated Voltage	51.2 V
Rated Energy	16.0 kWh
Working Voltage Range	43.2 V - 58.4 V
Max. Parallel Quantity	64 sets, 1,028.9 kWh
Rated Charge/Discharge Current	160 A
Max. Charge / Discharge Current	160 A / 200A
Max. Charge / Discharge Power	8.2 kW / 10.2 kW
Peak Discharge Current / Power	250 A / 12.8 kW, 15 S
Available SOC Range	0% ~ 100%
Dimensions (W x D x H)	500x235x943 mm (±5) 19.69x9.25x37.12 in (±0.2)
Weight	~275.6 lbs / ~125kg
Operating Temperature [1*]	Charge: -15 °C - 55 °C / 5 °F - 131 °F Discharge: -20 °C - 55 °C / -4 °F - 131 °F
Storage Temperature [2*]	-20 °C - 55 °C / -4 °F - 131 °F
Working Humidity	5 - 95% RH (non-condensing)
Altitude	≤ 3000 m / 9,843 ft
Communication	CAN / RS485 / Wi-Fi
Cycle Life [3*]	>8,000 cycles
Fire Extinguisher	Optional
Heating Film	Optional
Installation Methods	Floor-standing / Wall-mounted
Warranty	10-years
IP Rating	IP65
Certification	UL 1973, UL 9540A, UL 9540, UN 38.3, FCC

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

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

[3*] Working condition: 0.5C@ 25 °C,90% DoD,70% SOC



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