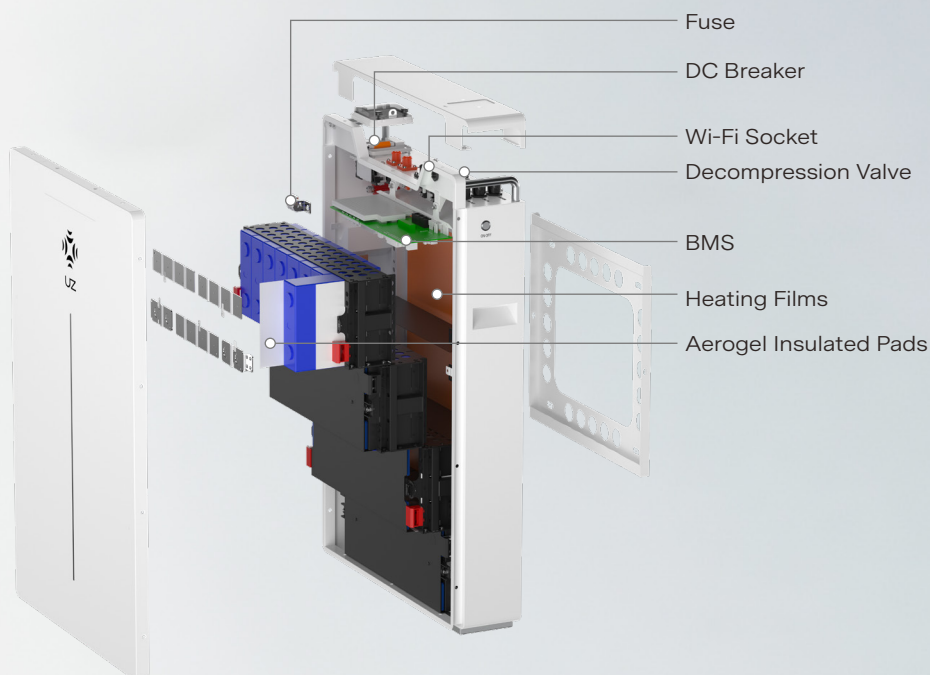


Power Lite Plus Series

AI-Powered Battery Safety Detection and Customer Service



- ✓ Tier-One LFP Battery Cells
- ✓ Self-Innovating BMS
- ✓ Supports Charging Down to -5 °C
- ✓ Automatic Parallel Configuration
- ✓ IP65
- ✓ Max. 32 Sets in Parallel



Model	PLPA-L1-10K2
Cell Type	LiFePO4
Rated Capacity	200 Ah
Rated Voltage	51.2 V
Rated Energy	10.24 kWh
Working Voltage Range	43.2 V - 58.4 V
Max. Parallel Quantity	32 sets, 327.68 kWh
Rated Charge / Discharge Current	0.6C, 120 A
Max. Discharge Continuous Current	0.6C, 120 A
Max. Charge / Discharge Power	6.14 kW
Peak Discharge Current / Power	160 A / 8.19 kW, 1 min.
Available SOC Range	0% ~ 100%
Dimensions (W x D x H)	550*165*867 mm (±5) 21.65*6.50*31.21 in (±5)
Weight	~213.9 lbs / ~94 kg
Operating Temperature ^[1]	Charge: -5 °C ~ 55 °C / 23 °F ~ 131 °F Discharge: -15 °C ~ 55 °C / 5 °F ~ 131 °F
Storage Temperature ^[2]	-15 °C ~ 55 °C / 5 °F ~ 131 °F
Working Humidity	5% ~ 95% RH (non-condensing)
Altitude	≤ 2,000 m / 6,562 ft
Communication	CAN / RS485 / Wi-Fi
Cycle Life ^[3]	6,000 cycles
Heating Film in Pack	Yes
Installation Methods	Floor-standing / Wall-mounted
Warranty	10-Year
IP Rating	IP65
Certification	IEC 62619, IEC 62040, IEC 61000, UN 38.3

^[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.