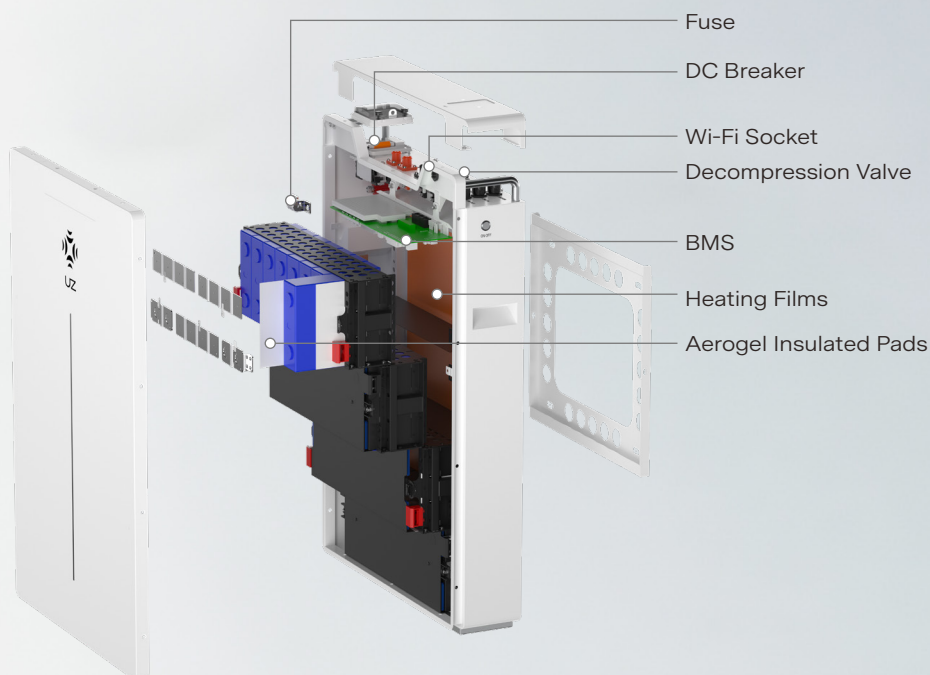


# Power Lite Plus Series

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)<br>21.65*6.50*31.21 in (±5)                                     |
| Weight                               | ~213.9 lbs / ~94 kg                                                                 |
| Operating Temperature <sup>[1]</sup> | Charge: -5 °C ~ 55 °C / 23 °F ~ 131 °F<br>Discharge: -15 °C ~ 55 °C / 5 °F ~ 131 °F |
| Storage Temperature <sup>[2]</sup>   | -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 <sup>[3]</sup>            | 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                                            |

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

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

<sup>[3]</sup> Working condition: 0.5C @ 25 °C, 90% DoD.