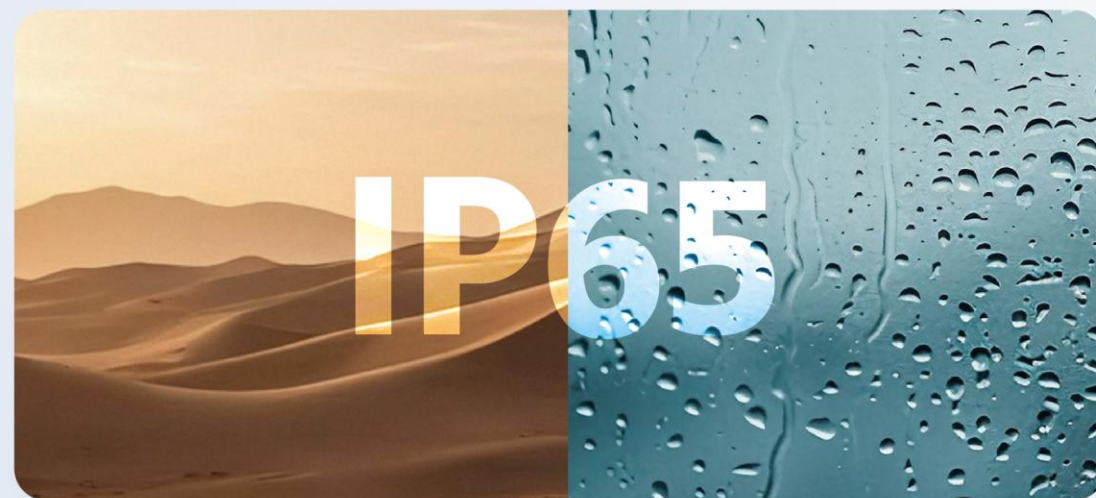
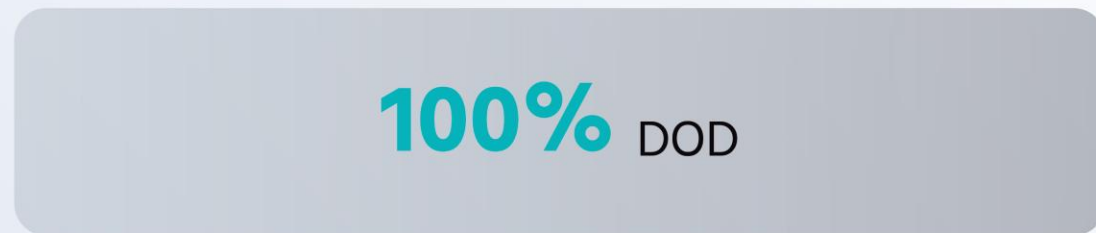
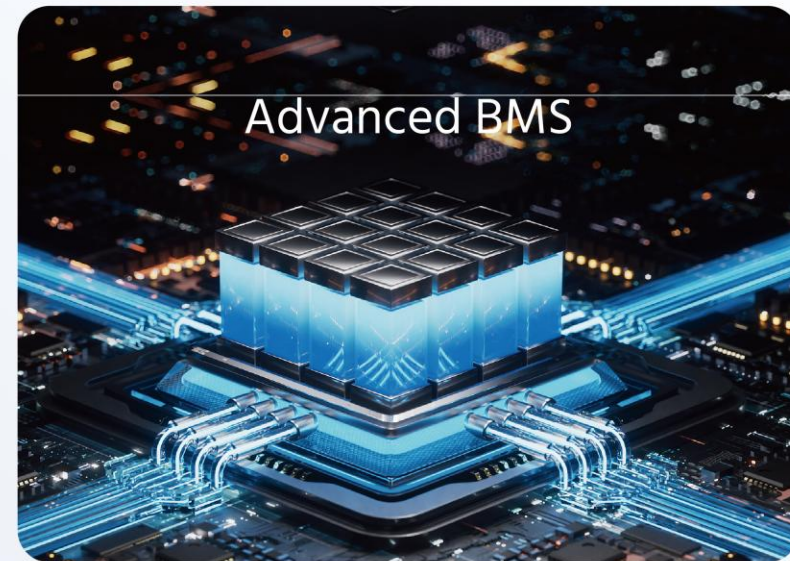


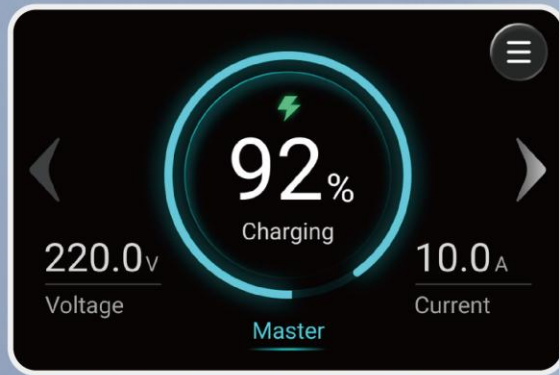


Reliable Energy Storage- Fidus Battery Plus





User-Friendly Design

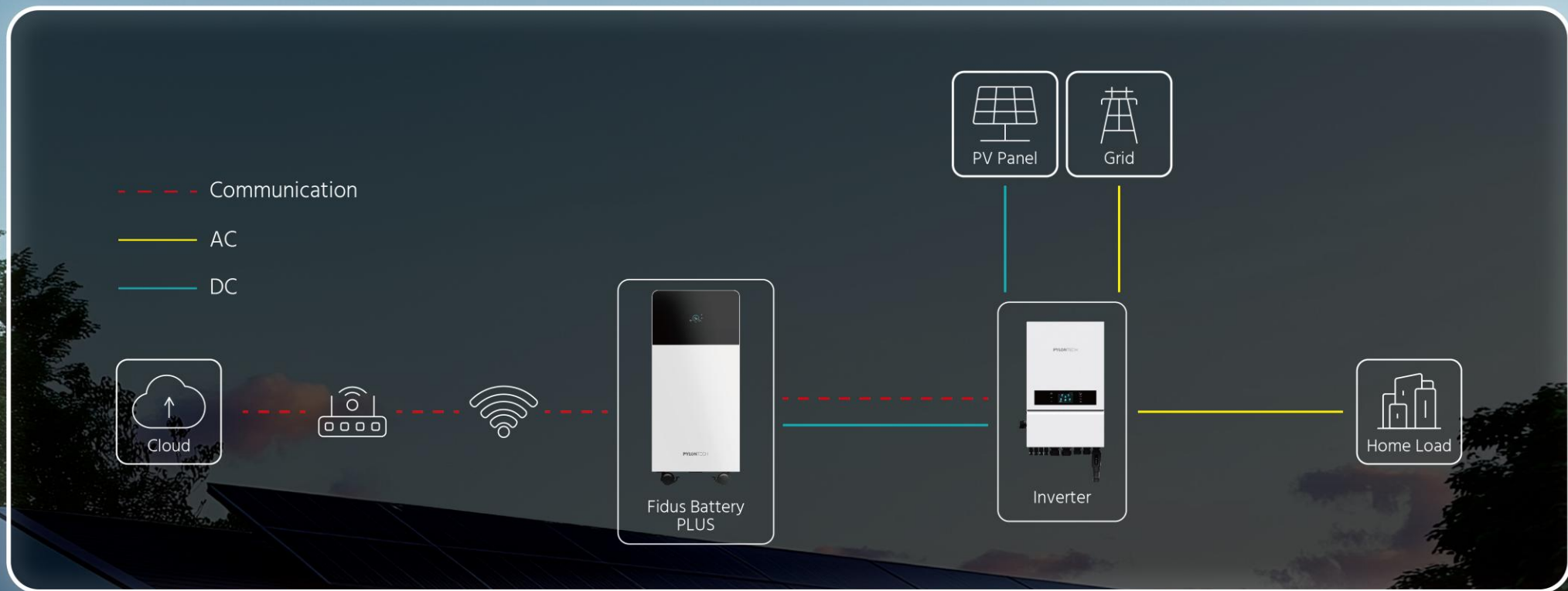


LED Scree Design-----
at-a-glance status and diagnostics
anytime.

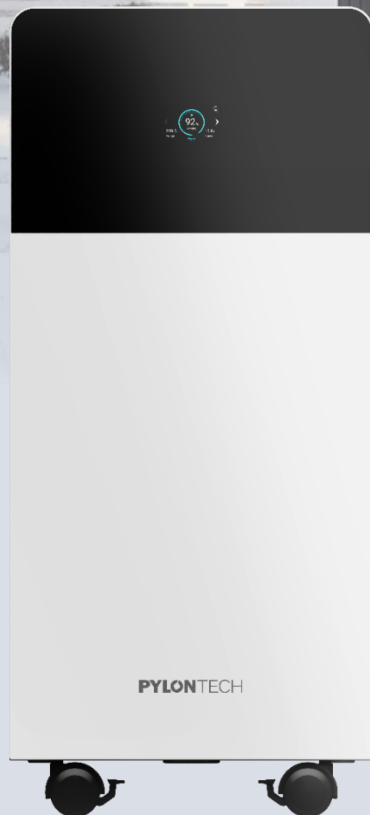
Wheel Design- Easy to Place, Easy to Service



System Diagram



Technical Data



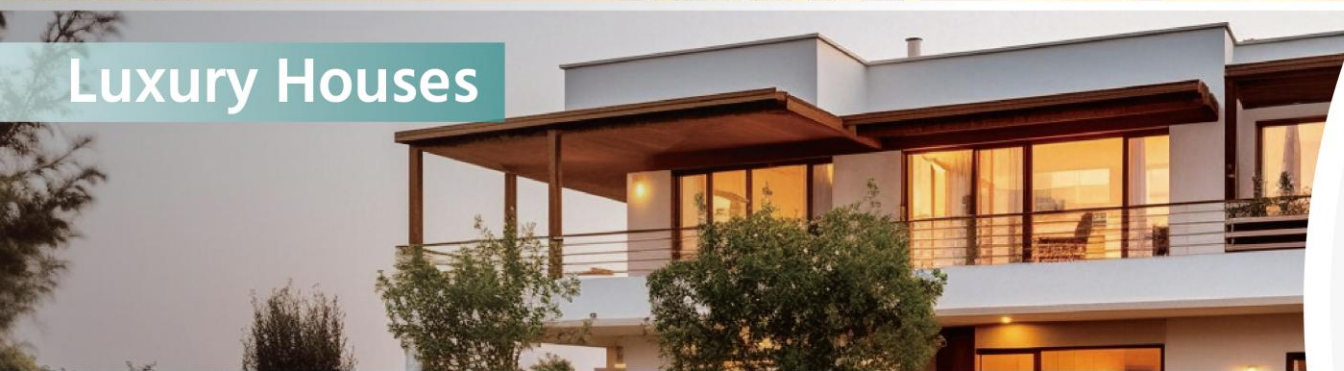
Specifications	FB-L-16	FB-L-16-Pro
Nominal Voltage (VDC)	51.2	
Nominal Capacity (Wh)	16076	
Usable Capacity (Wh)	16076	
Depth of Discharge (%)	100*	
Dimensions (mm)	435 (W)*240(D) *900 (H)	
Weight (Kg)	130	
Discharge Voltage (VDC)	40 ~ 56.8	
Charge Voltage (VDC)	56 ~ 56.8	
Maximum Continuous Charge/Discharge Current (A)	180/200	
Peak Charge/Discharge Current (A)	300A@15s	
Communication	CAN, RS485	
Certifications	IEC62619, IEC63056、UN38.3、EMC/C	
Interaction	Display screen、Bluetooth and WIFI (Optional)	

Adaptation to Multiple Scenarios

Farms



Luxury Houses



Factories



Smart Self-heating Function

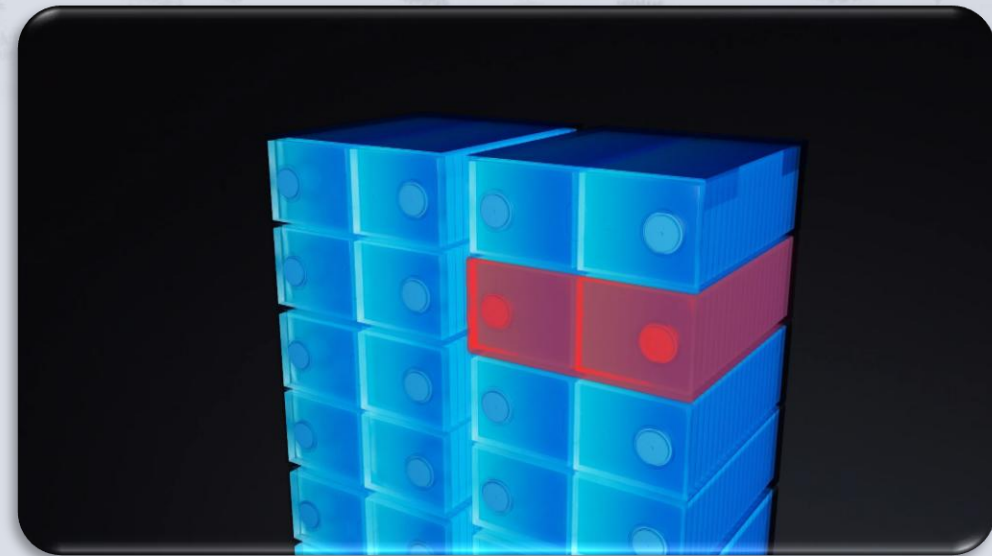
- **< 0°C Starts, > 5°C Stops**
- **≤ 3 °C Cell Level Temp. Difference**
- **90 min from -20 °C to 0 °C 5% Consumption**

Equipped with an intelligent temperature control system, the auto heating pad activates in low-temperature conditions, automatically warming the battery to ensure stable operation in cold weather.

Thermal Runaway Protection

With active fire protection module integrated into the system, ensuring system safety and long-term stability.

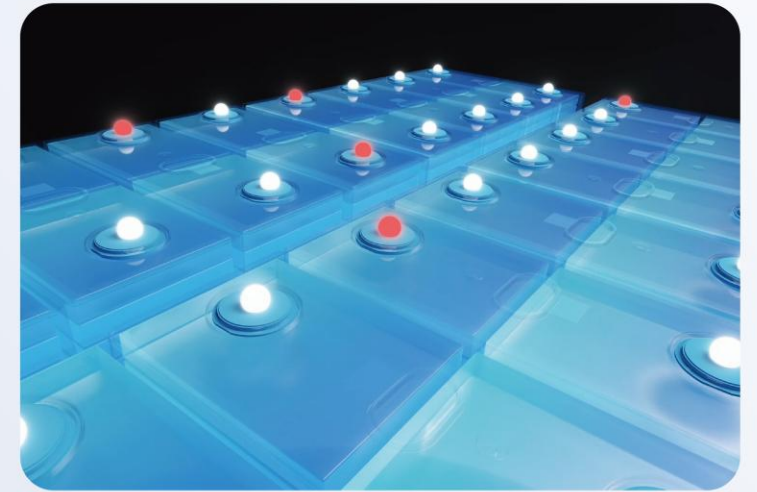
- Rapid fire suppression (< 60s)
- No re-ignition within 24h.



PYLONTECH

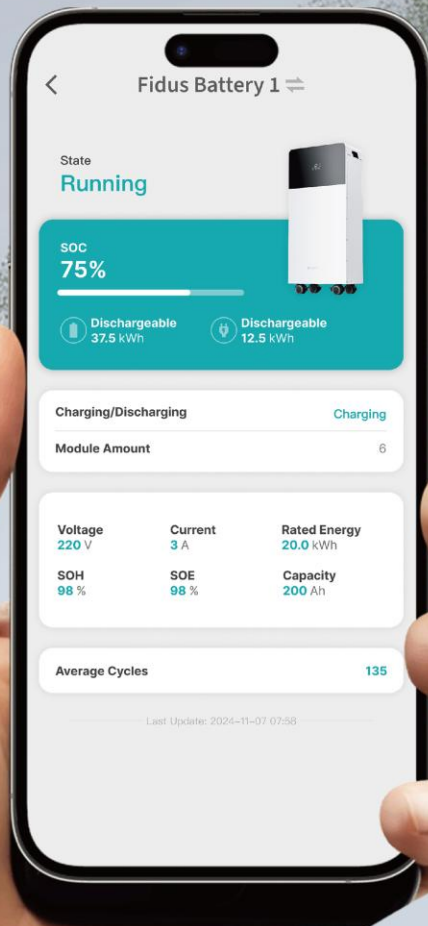
Certified Multi-layer Protection

- IEC62619 Certified
- IP65 Protection
- C5-M Anti-Corrosion
- Thermal Runaway Suppression
- Advanced BMS Protection Strategy



Smart Monitoring

One-stop management for a clear visibility of whole-home energy use.





- Up to 20 batteries in parallel per string (no LV-HUB required)
- With LV-HUB, expandable to 6 strings, supporting up to 114 batteries in total
- Scalable from 16Kwh to 1824kWh

LV-Hub-V2

A dedicated **CAN/RS485** communication hub for Pylontech low-voltage LiFePO₄ battery systems.



Cell-Level Data Access

Real-time insights into every cell for smarter monitoring.

Cloud Connectivity

Seamless upload of battery data to the cloud for remote management.

Expanded Compatibility

Now supports parallel connection with UF5000, PELIO, and FIDUS series.

IP65 Protection

Dust- and water-resistant design for reliable operation in diverse environments.