

Wall-Mounted Outdoor LFP Battery



Automotive Grade Cell



Outdoor Rating



Fire Suppression



V12



Enhanced Safety

- Tier 1 automotive-grade 230 Ah cells
- Built-in aerosol fire suppression system
- ESS emergency shutdown function
- Proven and mature BMS protection mechanisms



Reliable

- IP66 enclosure
- C4-M corrosion resistance
- Self-heating function for low-temperature operation



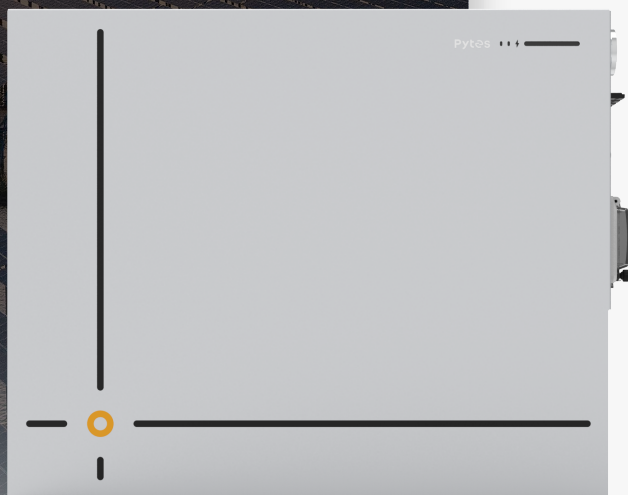
Easy & Flexible

- Wall-mounted or ground-mounted installation
- Seamless integration with mainstream inverters via closed-loop control
- Remote monitoring and upgrading
- Suitable for indoor or outdoor applications



Scalable

- Expandable up to 16 units (188.48 kWh) in parallel without a Pytes Hub



Electrical	
Battery Chemistry	Lithium Iron Phosphate (LFP)
Rated Voltage	51.2 V
Rated Capacity	230 Ah
Rated Energy	11.78 kWh
Recommended Continuous Charge Current	100 A (5.12 kW)
Recommended Continuous Discharge Current	120 A (6.14 kW)
Peak Discharge Current	200 A (10.24 kW) @ 180 s
General	
Dimensions (WxDxH)	25.20 x 10.24 x 20.47 inch (640 x 260 x 520 mm)
Weight (lb / kg)	217 / 98.4
Ingress Protection Rating	IP66
Mounting Method ¹	Wall / Ground
Terminal	Phoenix Plug & Play DC Connector
Communication Ports	CAN / RS485 / RS232 / Dry Contact / WiFi
Cycle Life ²	6000 cycles
Warranty ³	10 years
Internal Heating Film	
Rated Input Voltage	51.2 Vdc
Rated Power	240 W
Control Temperature	On: ≤41 °F (5 °C) Off: ≥59 °F (15 °C)
Environmental	
Charging Temperature ⁴	32 °F ~ 131 °F (0 °C ~ 55 °C)
Discharging Temperature	-4 °F ~ 131 °F (-20 °C ~ 55 °C)
Recommended Operating Altitude	≤ 9843 ft (3000 m)
Relative Humidity	0 ~ 95%, non-condensing
Compliance	
Certifications	UL 9540 Ed.3 (2023), UL 9540A, UL 1973, UN 38.3
Listings	CEC, SGIP, OGPe

1. Floor installation requires the additional purchase of a ground mounting bracket.

2. Operating conditions: 77 °F ± 7 °F (25 °C ± 4 °C), 0.5 C / 0.5 C @ 90% DOD, ret @70% (EOL). Total throughput energy: (51.2 V × 230 Ah / 1000 × 80% × 6000 / 1000) × 90%=50 MWh.

3. 10 years or 6000 cycles (whichever comes first).

4. When the ambient temperature is between -0.4 °F (-18 °C) and 32 °F (0 °C), the heating film will activate to warm the battery until the temperature reaches the battery charging temperature range. External charging source (PV, grid, generator) is required for heating film operation.

