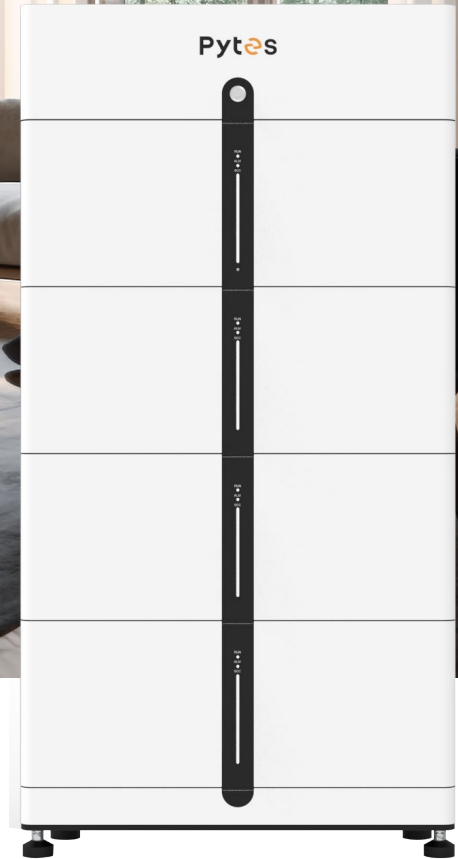


Pi LV1



Features



Safe

- DC Breaker and Fuse Integrated



Smart

- Remote Upgrading & Monitoring



Powerful

- Scalable to 30.72 kWh (2 to 6 modules) per Stack
- Up to 15.36kW Output Power (Surge: 15.36kW)



Reliable

- Heating Pad Integrated for Wider Operation Temperature



Compact

- Modular Design, Easy Installation, Save Labor Costs



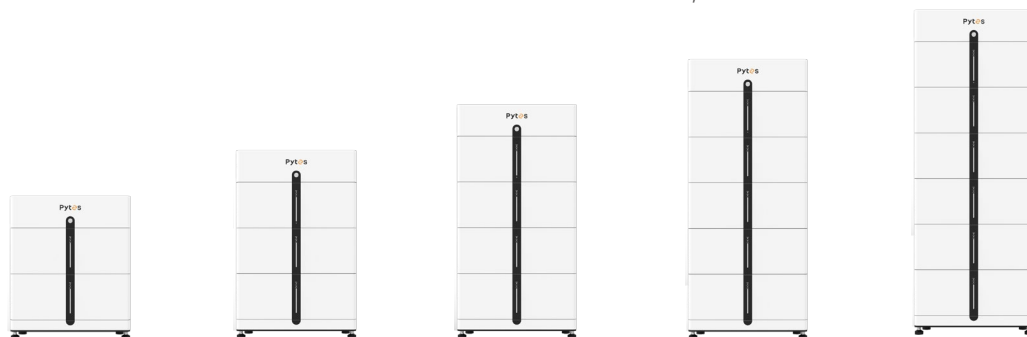
Elegant

- Modernized Design, IP55 Rated Suitable for Indoor & Outdoor installation

Pi LV1

Battery Module Unit:

Cell Type	LFP
Nominal Energy	5.12kWh
Nominal Voltage	51.2V
Voltage Range	44.8V~57.6V
Nominal Capacity	100Ah
Recommended Continuous Discharge Current	50A
Recommended Continuous Charge Current	50A
Maximum Continuous Discharge/Charge Current	60A
Peak Charge/Discharge Current	90A
Certifications	CE, IEC62619, UL1973, UN38.3, UL9540, UL9540A



Model	2	3	4	5	6
Cell Type	LFP				
Nominal Voltage	51.2V				
Voltage Range	44.8V~57.6V				
Nominal Capacity	100Ah				
Nominal Energy	10.24kWh	15.36 kWh	20.48 kWh	25.6 kWh	30.72 kWh
Recommended Power	5.12kW	7.68KW	10.24KW	12.8KW	14.08KW
Maximum Power ^[1]	6.14kW	9.22kW	12.29kW	14.08kW	14.08kW
Peak Power ^[2]	9.22kW	13.82kW	14.08kW	14.08kW	14.08kW
Dimensions (L*W*H) (mm/inch)	681*242*800 26.8*9.5*31.5	681*242*1060 26.8*9.5*41.7	681*242*1320 26.8*9.5*52.0	681*242*1580 26.8*9.5*62.2	681*242*1840 26.8*9.5*72.4
Weight(kg/lbs)	130/285.5	187/411.2	244/536.8	301/662.5	358/788.2
Communication	CAN, RS485				
Cycle Life	≥6000 cycles				
Protection level	IP55				
Ambient Temperature	-10°C~55°C / 14°F~131°				
Storage Temperature	Within 1 month: -20°C~55°C / -4°F~131°F 1~3 months: 0°C~35°C / 32°F~95°F 4~12 months: 20°C~25°C / 68°F~77°F				

[1] The maximum power and peak power are tested based on an ambient temperature of 25 °C.

[2] The duration of peak power must not exceed one hour.