

WALL-MOUNTED ENERGY STORAGE BATTERY



Features and advantages

- Small size and light weight, easy for wall-mounted installation
- High power output and available energy ratio
- Modular design and scalable system
- Safest battery and perfect compatibility
- Natural cooling, easy installation
- Available certifications



Adopts LifePO4 battery with safety performance and long life time, which offers you four capacities to meet your more requirements.

Technical Specifications-Wall-Mounted Energy Storage Battery

Model	YL-ES-W05	YL-ES-W10
Rated Voltage	51.2V	
Rated Capacity	100Ah	200Ah
Rated Energy	5.12KWh	10.24KWh
Internal Resistance	≤30mΩ	
Cycle Life	≥5000 cycles @ 80% DOD, 25°C, 0.5C ≥4000 cycles @ 80% DOD, 40°C, 0.5C	
Design Life	≥5 years	
Charge Cut-off Voltage	56.0V ± 0.5V	
Max. Continuous Work Current	100A/150A(Can choose)	
Discharge Cut-off Voltage	45.0V ± 0.2V	
Charge Temperature	0°C~60°C (Under 0°C extra heating mechanism)	
Discharge Temperature	-20°C~60°C (Under 0°C Work with reduced capacity)	
Storage Temperature	-40°C~55°C @60% ± 25% relative humidity	
Dimensions	680*485*180mm / 26.77"x19.09"x7.09"	680*485*220mm / 26.77"x19.09"x8.66"
Weight	62kg	98kg
Protocol (optional)	RS232-PC, RS485(B)-PC RS485(A)-Inverter, Canbus-Inverter	
Certification	UN38.3, MSDS, UI1973 (Cell), IEC62619 (Cell)	