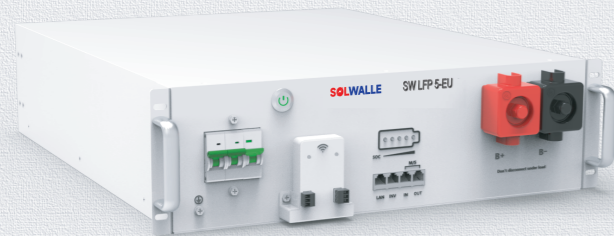


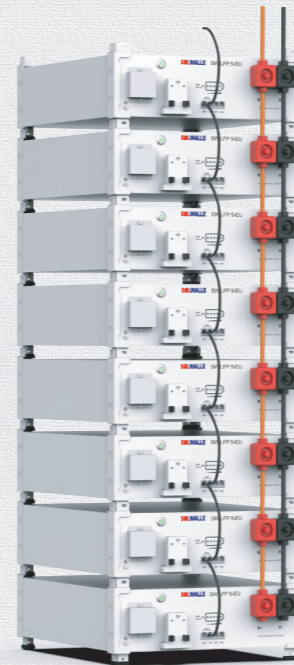
Energy Storage Battery

Low-Voltage Battery Series: SW LFP 5-EU

- LiFePO₄ Cell, Your Safer Choice



1C Discharging Rate,
Stably Power Your Home.



Max. 16 pcs in Parallel.



Strong Performance

- Up to 1C Discharging Rate (100A Discharge Current)
- More than 6,000 Cycle Life at 25°C
- Support Voltage Wake-up under Off-Grid System Scenarios
- Intelligent BMS Management, Remote Monitoring



Easy Installation

- No DIP Switch Needed
- Rack or Ground Mounting, Flexible for System Installation
- 45 kg Battery Pack



Flexible Investment

- 5.1 kWh Modular Design
- Max. 16 pcs Connected in Parallel
- Compatible with both New & Old Versions Batteries in Parallel



Safe & Reliable

- Integrated MOS, DC Breakers
- Over-Current / Over-Voltage / Short Circuit / Under-Voltage / Over-Temperature, 5-Layer Electric Protection
- 10-Year Long Warranty

DATASHEET

SW LFP 5-EU

Battery Type	LiFePO ₄ , Prismatic Cell	
Nominal Energy	5.1kWh	
Usable Energy*	4.7kWh	
Nominal Capacity	100Ah	
Nominal Voltage	51.2V	
Operating Voltage	48~56V	
Under Lead-acid Mode	Recommended Current	50A
	Recommended Voltage	48~55.2V
Max Charge/Discharge Current	60A/100A	
Peak Discharge Current	120A(3S)	
Peak Discharge Power	6kW(3S)	
Recommended Depth of Discharge (DOD)	93%	
Charging Temp. Range	From 0~55°C	
Discharging Temp. Range	From -10~55°C	
Cycle Life	>6000@25°C	
Scalability	16 Parallel	
Communication	CAN/ RS485	
IP Rating	IP20	
Recommended Humidity	5%~95%(No condensed water)	
Cooling Type	Natural cooling	
Color	White	
Installation	Rack/Ground mounted	
Net Weight	44±1kg	
Dimension(W*H*D)	442*135*500mm	
Protection	Over-current/Over-voltage/Short circuit/Under-voltage/Over temperature	
Warranty	10 years*	
Certification	UN38.3/CE/UL1973(Cell)	

• Testing conditions based on temperature 25°C at the beginning of life.

• *Total Energy/Usable Energy measured under specific conditions by 0.2C CC-CV and based on recommended DOD(93%).