



SOLECTRA



L2 Wall-mounted Battery



Easy to extend

Modular design enables easily extension from 5.22 kWh to 78.3 kWh



Flexible

Compatible with leading inverters and provides flexible connecting ways to meet energy needs



Reliable

Grade-A LiFePO4 battery & Own-developed BMS



Long Lifespan

Up to 8000 cycles @25°C, 80% DOD



Convenient

Real-time monitoring / debugging / upgrading / pairing with inverters



Safe Guarded

Pre-charge function for a safe initial connection



Own-developed IoT

WiFi connection and RS485 / CAN communication available



Eco-friendly

Less noise & air pollution, more sustainable

Compatible inverters

Battery BMS is freely compatible with multiple inverter brands in the market.





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TECHNICAL PARAMETER



Parameters

Model	H-W51100
Voltage	51.2 V
Cell Capacity	102 Ah
Battery Capacity	5.22 kWh
Scalability	Max. 15 pcs in parallel (78.3 kWh)
Rated Power	5.22 kW
Max. Charge/Discharge Current	100 A
Peak Discharge Current	150 A @ 2min 25°C
Max. Terminal Overcurrent Capacity	200 A
Degree of Protection	IP65
Charging Temperature	0~50C
Humidity	0 ~ 95 % (No Condensing)
Weight	50 kg
Dimensions (W x D x H)	400 × 160 × 580 mm
Cycle Life*	8000
Communication	RS485, CAN / Wi-Fi
Certificate	CE-EMC, UN38.3, MSDS, IEC62619

* Test conditions: 0.5C Charging& Discharging. @25°C, 80% DOD