

WSL-05K-WM

LFP Battery 51.2V 100Ah

- Superior Core Performance**

Up to 2A auto-balancing and fast-charging efficiency, extends lifespan significantly

- Enhanced Safety Protection**

Pack-level aerosol fire suppression with local + remote dual protection

- Smart & Intuitive Interaction**

Standalone color touchscreen for intuitive local operation

- Excellent Environmental Adaptability**

High charge/discharge efficiency minimizes downtime and boosts productivity



TECHNICAL SPECIFICATION

Model	WSL-05K-WM	
Rated Voltage (V)	51.2	
Rated Capacity (Ah)	100	
Rated Energy of Battery (kWh)	5.12	
Voltage Range (V)	44.8-57.6	
Recommended Charge/Discharge Current (A)	50	
Max. Charge/Discharge Current (A)	100	
Charging Temperature (°C)	0°C~55°C/-25°C~55°C(optional)	
Discharge Temperature (°C)	-25~60	
Dimension: L*W*H (mm)	580*750*92	580*400*187
Weight (kg)	45	
Port Communication	RS485、RS232、CAN	
Wireless Communication	WiFi、Bluetooth	
Compatible with inverter	Growatt, Solis, Goodwe, Sol-Ark, SRNE, DEYE, PYLONTECH, LUXPOWER, SOFAR, MPPSOLAR, SMA, Studer, VICTRON, Voltronic Power	
Cycle Life	≥8000 (0.5C@ 25°C, 90~95% DOD)	
Installation Method	Rack、Wall-mounted、Stand-mounted	
Design Lifespan (Years)	15	
Security and Authentication	CE	
Transportation	UN38.3	
Auto-Balancing	2A	
IP rating	IP21	
Safety Protection	Built-in aerosol fire extinguisher	
Expansion	Up to 60 units in parallel	
Parallel Mode	Supports automatic dialing, automatic addressing, and manual dialing	
BMS function	Active alancing	

*The data in this table is for reference only, and is subject to actual delivery.