



# WSL-05K-SM

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-SM
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)	0~55
Discharge temperature (°C)	-20~60
Storage temperature (°C)	-10~40
Size: Length * Width * Height (mm)	440*760*91
Weight (kg)	48
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	≥6000 (0.5C@ 25°C, 90% 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
Parallel capacity	16

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