

WSL-16K-FS

LFP Battery 51.2V 314Ah

- 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-16K-FS
Rated Voltage (V)	51.2
Rated Capacity (Ah)	314
Rated Energy of Battery (kWh)	16.08
Voltage Range (V)	44.8-57.6
Recommended Charge/Discharge Current (A)	100
Max. Charge/Discharge Current (A)	200
Charging Temperature (°C)	0°C~55°C/-25°C~55°C(optional)
Discharge Temperature (°C)	-25~60
Dimension: L*W*H(mm)	553*255*801
Weight (kg)	117
Port Communication	RS485、RS233、CAN
Display	LED+Liquid crystal
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)
Design Lifespan (Years)	10
Security and Authentication	CE
Transportation	UN38.3
Auto-Balancing	2A
IP Rating	IP20
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.