

# 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) | 100                                                                                                                      |
| Max. Charge/Discharge Current (A)        | 120                                                                                                                      |
| Charging Temperature (°C)                | 0°C~55°C/-25°C~55°C(optional)                                                                                            |
| Discharge Temperature (°C)               | -25~60                                                                                                                   |
| Dimension: L*W*H (mm)                    | 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.