





## RESIDENTIAL BATTERY STORAGE

### • Wall Pack Battery Storage



**WINSWAY**  
LIGHTING UP THE FUTURE

#### PRODUCT FEATURES

-  Ultra-thin wall-mounted home storage design, beautiful atmosphere, perfectly integrated into the home environment.
-  Built-in high stability BMS system with protection functions of overcharge, over discharge, over current, high and low temperature, etc.
-  Supports 16 groups of parallel operation at most, and can cope with long-term power consumption environment.
-  Adaptable to mainstream brand inverters in the market, providing users with more choices.

5120Wh

| Project                              | Specifications   | Remark   |
|--------------------------------------|--|--|
| Module                               | WL05   | /  |
| Series parallel connection mode      | 16S1P  | /  |
| Nominal capacity                     | 100Ah  | Standard charging and discharging mode test  |
| Nominal voltage                      | 51.2V  | /  |
| Ingress Protection                   | IP65 (Optional)  | /  |
| Operating voltage range              | 40~58.4V   | Temperature range: -20~65°C  |
| Operating temperature (charging)     | 0~60°C ≤90%ROH   | /  |
| Operating temperature (Discharging)  | -20~60°C ≤90%ROH   | /  |
| Standard Charging                    | Constant current charging:50A<br>Charging voltage: 58.4V<br>Cut off current: 5A  | Maximum unit voltage 3.65V   |
| Maximum Continuous Charging Current  | Constant current charging:100A<br>Charging voltage: 58.4V<br>Cut off current: 5A | Maximum unit voltage 3.65V   |
| Standard Discharge                   | Constant current discharge:50A<br>Cut off voltage:40V                            | Minimum monomer voltage 2.5V   |
| Maximum Continuous Discharge Current | Constant current discharge:100A<br>Cut off voltage:40V                           | Minimum monomer voltage 2.5V   |
| Storage Temperature                  | -20~60°C   | Storage environment humidity ≤95%ROH, no condensation.                                     |
| Cycle Life                           | The capacity attenuates to 80AH, and the number of cycles ≥ 6000                 | 90% DOD, @ 25±2°C, standard charging and discharging mode                                  |
| Monthly Self Discharge               | <3.5% Per month  | After three months' shipment, the battery will be charged to 40%SOC and stored at @ 25±2°C |
| Monitoring Communication             | RS232/RS485/CAN  | /  |
| Balancing method                     | Passive equalization   | /  |
| Shipping Capacity                    | SOC 30~70% ( TBD)  | /  |
| Weight                               | 48±2kg   | /  |
| Size                                 | 670*540*90±1mm   | /  |