

# Low Voltage Wall Mounted

W1-LV-4.8~10.24kWh Series



| Model                           | W1-LV-4.8                                              | W1-LV-9.6   | W1-LV-5.12  | W1-LV-10.24 |
|---------------------------------|--------------------------------------------------------|-------------|-------------|-------------|
| Rated Voltage (Vdc)             | 48V                                                    |             | 51.2V       |             |
| Cell Combination                | 15S1P                                                  | 15S2P       | 16S1P       | 16S2P       |
| Rated Capacity(AH)              | 100                                                    | 200         | 100         | 200         |
| Energy Storage (KWH)            | 4.8                                                    | 9.6         | 5.12        | 10.24       |
| Cycle Life                      | 6000 cycles @80% DOD, 0.5C                             |             |             |             |
| Charging Voltage(V)             | 52.5                                                   |             | 56          |             |
| Maximum Charging Current (A)    | 100 (Option 150/200A, Suitable for 200AH Battery Pack) |             |             |             |
| Maximum Discharge Current (A)   | 100(200AH Battery Pack Optional 150/200A)              |             |             |             |
| Discharge Cut-off Voltage (VDC) | 40.5                                                   |             | 43.2        |             |
| Charge Cutoff Voltage (VDC)     | 54.75                                                  |             | 58.4        |             |
| Ignition Temperature            | 0°C to 50°C@60±25% Relative Humidity                   |             |             |             |
| Exhaust gas Temperature         | -20°C to 50°C@60±25% Relative Humidity                 |             |             |             |
| Storage Temperature             | -20°C to 50°C@60±25% Relative Humidity                 |             |             |             |
| IP Class                        | IP20: (IP65 Option Available on 100AH Model)           |             |             |             |
| Material System                 | Lithium Iron Phosphate                                 |             |             |             |
| Shell Material                  | Metal                                                  |             |             |             |
| Install Type                    | Wall-Mounted                                           |             |             |             |
| Packing Size L*W*H (mm)         | 580*390*185                                            | 690*485*226 | 580*390*185 | 690*485*226 |
| Packing Size L*W*H (mm)         | 660*450*240                                            | 850*570*285 | 660*450*240 | 850*570*285 |
| Net weight(kg)                  | 42                                                     | 85          | 44          | 88          |
| Gross weight (kg)               | 47                                                     | 95          | 49          | 98          |
| Communication                   | CAN/RS485/RS232                                        |             |             |             |
| Monitor                         | Bluetooth/WLAN Options                                 |             |             |             |
| Certificate                     | UN38.3, MSDS, IEC62619, CE, UL1973, UL2054             |             |             |             |



## High Specific Energy

Each Battery with Independent BMS System  
Manages Power Output Smartly



## Support Parallel Operation

Compatible with most of the Available Hybrid  
Inverters



## Easy Installation

Plug in Batteries then Working, easy to Install  
and set up



## Long Cycle Life

6000 Cycles with 80% DOD,High-Quality  
Prismatic Battery cell



## Smart Monitoring

Monitoring Website Easy to Monitor Products at  
Anytime Anywhere



## Intelligent

Each Battery with Independent BMS System  
Manages Power Output Smartly