



# V 10

## Wall Mounted LFP Battery



### Features



#### Enhanced Safety

- Pre-charge Circuit Integrated
- Emergency Shutdown with 2P Battery Breaker
- Built-in Fire Fighting System



#### Higher Energy Density

- Tier 1 Automotive Grade 230Ah Cells
- Lighter and More Compact for Given Capacity



#### High Power Output

- 5.12kW Nominated Output Power



#### The All Weather Battery

- C4M Certified Anti-Corrosion
- IP66 Rated Water & Dust Proof
- Heating Pad Integrated



#### Smart

- Remote Monitoring and Upgrading



#### Installer Friendly

- Wall or Ground Mounted
- Effortless Installation and Quick Commissioning

## V10 Specs

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### Electrical

|  |              |
|--|--------------|
| Nominal Voltage                          | 51.2V        |
| Operating Voltage Range                  | 47.5~57.6V   |
| Nominal Capacity                         | 230Ah        |
| Nominal Energy                           | 11.776kWh    |
| Usable Energy                            | 10.24kWh     |
| Recommended Charge/<br>Discharge Current | 100A(5.12kW) |
| Peak Discharge Current                   | 300A@15s     |

### General

|                            |   |
|----------------------------|---|
| Chemistry                  | LFP   |
| Structure                  | DC Breaker & Pre-Charge<br>Circuit Integrated               |
| Communication Interface    | RS485 / CAN / WIFI / Dry Contact                            |
| Dimensions(L x W x H)      | 640 x 230 x 520mm /<br>25.20 x 9.06 x 20.47inch             |
| Weight                     | 100kg / 220.5lbs  |
| Operating Temperature      | Charge: 0~55°C / 32~131°F<br>Discharge: -20~55°C / -4~131°F |
| Cycle Life*                | 8000 Cycles   |
| Altitude                   | <13123.35ft / 4000m   |
| Warranty                   | 10 Years Basic Warranty<br>Fee Based Extra 2 Years Coverage |
| Ingress Protection         | IP66  |
| Corrosion Resistance Class | C4M   |
| Mounting Method            | Wall / Ground (W/ Optional Battery Tray)                    |
| Heating Pad (Integrated)   | Temperature Rise: 8°C/h / 14.4°F/h                          |

\*Test Conditions: 25°C, 0.5C/0.5C, 90% DoD, 70% EOL.

### Certifications

UL 9540, UL 9540A, UL 1973, CEC, SGIP, IEC62619, CE, UN38.3