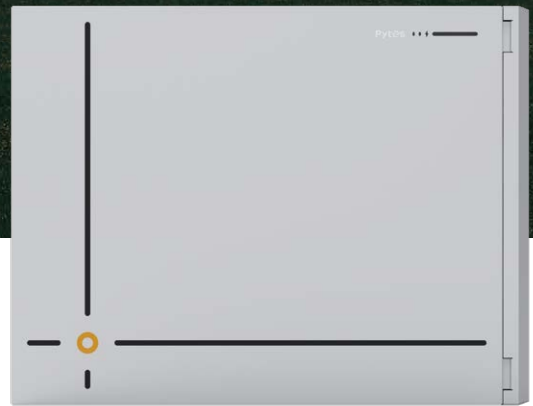




# V 12

## Wall Mounted LFP Battery



### Features



#### Enhanced Safety

- Pre-charge Circuit Integrated
- Emergency Shutdown with Battery Breaker
- Built-in Fire Fighting System (Optional)



#### 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

- C4-M 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

MADE IN CHINA  
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## V 12 Specs

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### Electrical

|                               |                          |
|-------------------------------|--------------------------|
| Nominal Voltage               | 51.2V                    |
| Operating Voltage Range       | 47.5~57.6V               |
| Nominal Capacity              | 230Ah                    |
| Battery Capacity in kWh       | 11.776kWh                |
| Recommended Charge Current    | 100A(5.12kW)             |
| Recommended Discharge Current | 100A(5.12kW)             |
| Peak Discharge Current        | 200A [ for 180 seconds ] |
| Rated DC Power                | 5.12kW                   |
| Battery Depth of Discharge    | 90%                      |

### General

|                            |   |
|----------------------------|---|
| Power Terminal             | V12 PHOENIX BPC250 Quick Connector<br>V12α Amphenol SurLok Plus 8.0mm Quick Connector |
| 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                 | 6000 Cycles <sup>[1]</sup>  |
| Altitude                   | <13123.35ft / 4000m   |
| Warranty                   | 10 Years Basic Warranty <sup>[2]</sup>  |
| Ingress Protection         | IP66  |
| Corrosion Resistance Class | C4-M  |
| Mounting Method            | Wall / Ground (W/ Optional Battery Tray)  |
| Heating Pad (Integrated)   | Temperature Rise: 8°C/h / 14.4°F/h  |

[1] Test Conditions: 25° C, 0.5C/0.5C, 90% DoD,

[2] 70% SOH at Years Warranty Activation Date

### Certifications

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