

V10

Wall Mounted Outdoor Residential LFP Battery



Features



Enhanced Safety

- Built-in Aerosol Fire Suppression System
- ESS Emergency Shutdown Feature
- Integrated DC Breaker & Pre-Charge Circuit



High Power Output

- 5.88kW Continuous Output
- Whole Home Backup Capable



Remote Monitoring and Upgrading



Higher Energy Density

- Tier 1 Automotive Grade A 230Ah Cells
- Lighter Weight with Smaller Footprint



Outdoor-Ready

- Weatherproof Enclosure with Integrated Heating Pad
- Wide Temperature Range for Cold Weather Applications



Easy to Install

- Wall or Ground Mounted
- Effortless Installation and Quick Commissioning

V 10 specifications



Electrical

Nominal Voltage	51.2V
Nominal Capacity	230Ah
Nominal Energy	11.78kWh
Usable Energy	10kWh
Recommended Charge/ Discharge Current	115A(5.88kW)
Peak Discharge Current	300A@15s

General

Chemistry	LFP
Communication Interface	RS485 / CAN / WIFI / Dry Contact
Dimensions(L x W x H)	25.20 x 9.06 x 20.47inch / 640 x 230 x 520mm
Weight	220.5lbs / 100kg
Operating Temperature	Charge: 32~131°F / 0~55°C Discharge -4~131°F / -20~55°C
Cycle Life*	8000 Cycles
Altitude	<13123.35ft / 4000m
Warranty	12 Years
Ingress Protection	IP55
Mounting Method	Wall / Ground (W/ Optional Battery Tray)
Heating Pad (Integrated)	Temperature Rise: 14.4°F/h / 8°C/h

*Test Conditions: 25°C, 0.5C/0.5C, 80% DoD

Enhanced Safety Features

Hardware Level	Aerosol Fire Suppression DC Breaker & Pre-Charge Circuit
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Certifications

UL 9540 Ed.3 (2023), UL 9540A, UL 1973, CEC, SGIP

Inverter Compatibility List

Main Inverter Partner



Pytes

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