

V16

Wall Mounted LFP Battery



Features



The All Weather Battery

- IP66 Rated
- Integrated Heating Pad



Fail-Safe Protections

- Integrated Battery Breaker
- Aerosol Fire Suppression



Powerful

- 200A/10.24kW Output Power



Robust

- 16kWh Nominal Energy



Wide Compatibility

- Closed Loop Communication with Most Inverters



Effortless Installation

- Wall / Ground Mounted
- Quick Commissioning

V16 Specs

Electrical

Nominal Voltage	51.2V
Nominal Capacity	314Ah
Nominal Energy	16.07kWh
Operating Voltage Range	46.5V~56.8V
Recommended Charge Current	125A (6.4kW)
Recommended Discharge Current	150A (7.68kW)
Maximum Discharge Current	200A (10.24kW)

General

Chemistry	LFP
Structure	DC Breaker & Pre-Charge Circuit Integrated
Communication Interface	RS485 / CAN / WIFI / Dry Contact
Dimensions	700 x 671 x 260mm / 27.56 x 26.42 x 10.24inch
Weight	130 ± 0.5kg / 287.7 ± 1.1 lbs
Operating Temperature	Charge: 0~55°C / 32~131°F Discharge: -20~55°C / -4~131°F
Heating Pad(Integrated)	Operation Temperature -18°C~15°C / 0°F ~ 59°F
Ingress Protection Ratings:	IP66
Cycle Life*	8000 Cycles
Warranty	10 Years
Fire safety	Aerosol fire suppression module integrated

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

Compliance

UN38.3, CE, IEC62619, UL1973, UL9540, UL9540A, CEC, SGIP