

V16 Lite



Features



Safe

- LFP Chemistry, Tier 1 Automotive Cells & Field-Proven BMS
- Emergency Shutdown



Powerful

- 16.07kWh High capacity
- 7.68kW Powerful Output
- One Battery for the Whole Family



Smart

- Remote Upgrading & Monitoring



Elegant

- Sleek and Minimalist Design with Clean Lines, Featuring Hidden Interface



Wide Compatibility Range

- Closed-Loop Compatible with Over 20+ Inverters



Easy To Install

- Wall or Ground Mounted
- Effortless installation and Quick Commissioning

V16 Lite Specs

Electrical

Nominal Voltage	51.2V
Voltage Range	46.5V~56.8V
Nominal Capacity	314Ah
Nominal Energy	16.07kWh
Recommended Charge/Discharge Current	150A (7.68kW)
Maximum Charge/Discharge Current	200A (10.24kW@180s)
Peak Discharge Current	300A(@15.36kW@15s)

General

Chemistry	LFP
Structure	DC Breaker & Pre-Charge Circuit Integrated
Communication Protocol	RS485 / CAN / Dry Contact / Wifi
Dimensions (W x D x H)	702.6 x 189.5 x 651.9 mm / 27.66 x 7.46 x 25.67 inch
Weight	126kg / 277.78lbs
Operating Temperature	Charge: 0°C~55°C / 32°F~131°F Discharge: -20°C~55°C / -4°F~131°F
Heating Pad(Optional)	Operation Temperature -18°C~15°C / 0°F~59°F
Cycle Life	8000 Cycles @0.5C / 0.5C, 25°C / 77°F 90% DoD
Ingress Protection	IP20
Altitude	<4000m
Warranty	10 Years
Fire safety (Optional)	Aerosol fire suppression module

Dimensions

