STRONG ENERGY



MAX LV
16kWh Lithium Low Voltage Battery

FEATURES

• PERFORMANCE

- 16.076kWh Capacity with 314Ah
- 8000 Cycle Life with EOL 70% @0.5C
- 0.5C Charge / 0.5C Discharge Performance
- Parallel Connection up to 4 units / 64.307kWh

SMART MANAGE

- Realtime monitoring via App & Web
- RS485/CAN to inverters
- Passive Balancing
- Over-the-air upgrade

APPLICABILITY

- IP65 design perfectly fits wide range of operating environment.
- Lock castors ensures easy moving while installation

RELIABILITY

- Natual Cooling with higher efficiency and longer life span.
- Cmmprehensive electrical protection design avoiding danger from lightening, over voltage/current, leakage, electrostatic interference, etc.

SAFETY

- High reliable lithium battery cell adopted.
- Advanced Battery Management System monitoring and protection for each battery cell.
- DC Breaker

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Max LV 16kWh Battery

PRODUCT DATASHEET

System Parameters

Battery Type	$LiFePO_4$
Rated Capacity	16.076kWh
Usable Capacity	15.272kWh (DOD 95%, 0.5C)
Rated Voltage	51.2V
Operating Voltage Range	40~58.4V
Max. Continurous Charging Current	150A
Max. Continurous Discharging Current	150A
Max. Pulse Dicharging Current	300A @1s
Balancing Method	Passive Balancing
Cycle Life	≥8000 cycles @ 25℃ with 0.5C 70%EOL
Communication	RS485 / CAN
Operating Temperature	Charging:-20~55℃ / Discharging: -20~60℃
Storage Temperature	-20℃~45℃
Operating Humidity	5~95%
Operating Altitude	≤3000m
Thermal Management	Natural Cooling / Active Warming
Ingress Protection	IP65
Parallel Connection	≤4
Indicator	LED (showing SOC and charging status)
Remote Management	Over-the-air upgrade, Realtime management via App & Web

General Information

Weight	Approx. 125kg
Dimension (WxDxH)	550 x 266 x 863mm (With wheels) Loading capacity: 108 PCS per 20' GP container
Mounting Method	Floor-Stand (with lock castors)
Certification	UN38.3, MSDS, IEC62619, EMC, etc.