

# Lithium Battery

51.2V 200AH 10.24KWH

- **Safety and Intelligent**

Long life LiFePO4 cells, high energy density, build in BMS and passive protection

- **Easy to Install and Use**

Modular design, simple operation

- **Long Life Span**

10 years design life, more than 6000cycles

- **Adaptable to Harsh Environment**

Adapt to wide range of temperature and humidity

- **Support Bluetooth/WIFI function (optional)**

Can be controlled remotely to reduce operation and maintenance costs

- **Multi-scenario application**

Household use, small industrial and commercial applications



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## Technical Parameters

Nominal voltage	51.2V
Nominal capacity	200Ah
Energy	10.24kwh
Internal Resistance	≤200mΩ
Cycle Life	>6000 cycles @ 0.2C 80%D.O.D
Months Self Discharge	<3%
Efficiency of Charge	99.5%@ 0.2C
Efficiency of Discharge	96-99%@ 1C
Charge Voltage	58.4±0.5V
Charge Mode	CC/CV
Charger Current	40A
Max Charge Current	200A
Charge Cut-off Voltage	58.4
Continuous discharge Current	40A
max discharge Current	200A
Discharge Cut-off Voltage	43.2V
Charge Temperature	0 C to 45 C
Discharge Temperature	-20 C to 55 C
Storage Temperature	-10 C to 40 C
Water Dust Resistance	IP20
Cell & Method	EVE 3.2V100Ah-16S2P
Terminal	200A
Protocol (optional)	RS232/RS485/CAN/BLUETOOTH/WIFI
BMS	200A
Safety & Certification	CELL:UL1642/UL1973/IEC62619/CE/CB/UN38.3/UL9540/ROHS/REACH
Size (mm)	812*513*205(D*W*H)
Net weight (kg)	88KG
Wooden box package size (mm)	940*555*405
Quantity of loading	120pcs/20ft 240pcs/40ft

\*1 Test conditions: Based on the factory date, charge and discharge rate at 0.2C at 100% discharge depth (DoD) and 25 C

\*2 The weight of the battery module is based on the actual product, with a tolerance of ± 3% allowed

\*3 The installation of battery packs is related to product quality assurance, safe and stable operation. Please follow the requirements of the user manual for standardized installation, use, and routine maintenance

## Compatibility Inverters












\*Only a part of inverter brands are shown, please contact us for more information.