

SPARTAN SERIES

Power Forged to Last

51.2V-314Ah



Reliable Lithium Performance

- Built with high-safety LiFePO₄ cells to ensure long-term stability and peace of mind
- Delivers over 9000 cycles at 90% DoD, even under daily use

Versatile & Installer-Friendly

- Supports both wall-mounted and floor-standing setups
- Optional heating function allows operation in colder climates
- Plug-and-play design enables quick and flexible installation

Intelligent Battery Management

- Integrated BMS guards against overvoltage, deep discharge, and current spikes
- Balances cell performance to maximize system health and efficiency over time

Compact Mobility with Clean Design

- Fitted with concealed industrial-grade wheels for easy relocation
- Anti-tip wall anchor enhances safety without disrupting aesthetic appeal
- Perfect for modern indoor or semi-outdoor residential spaces

Spartan Series Technical Parameters

Model	51.2 V 314 Ah
Nominal voltage	51.2 V
Nominal capacity	314 Ah
Min capacity	307.7 Ah
Nominal energy@0.2C	16.1 kWh
Operation voltage range	48 V ~ 56 V
Recommend charging current	140 A
Max. charging current	200 A
Recommend discharging current	140 A
Max. discharging current	200 A
Communication	RS485 / CAN
Rating	IP20
Cycle life	≥9000 cycles, @25°C , @0.5C , @90%DOD, @70%EOL
Weight	≈138 kg (304.2 lbs)
Dimension(L*W*H)	545*253*890 mm (21.4*9.9*35.0 inch)
Operation temperature range	Charge 0~50°C (32~122°F), Discharge -20~60°C (-4~140°F)
Relative humidity	5%~90%, No condensation
Install altitude	≤4000 m
Installation	Floor mounted

* The actual product may differ slightly from the pictures.

* The specifications are subject to change without prior notice.