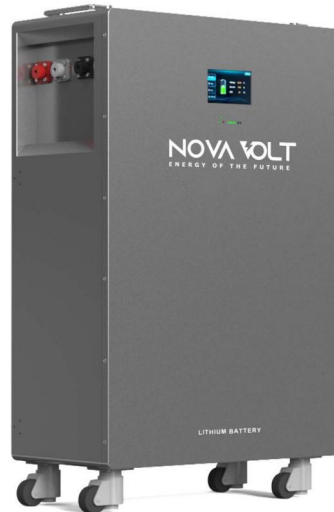


51.2V 314AH

Floor Standing LifePo4 Battery

51.2V 314Ah



Our NOVA VOLT battery compatible with more than 30 brands inverter worldwide



Product advantages

Warranty : 5-10 years. Professional engineer team support after-sale service.

Long cycle life

Using high-quality lithium iron phosphate batteries, the cycle life is more than 6000 times at 80%DOD, and can be used for 15-20 years.



High quality Grade A+ Prismatic LiFePO4 battery
Higher capacity, higher current, longer life

Low internal resistance and high current

Low internal resistance of the battery, excellent continuous high current discharge performance



Intelligent BMS battery protection

Built-in intelligent BMS (battery management system), effectively avoiding overcharge, overdischarge, overcurrent, short-circuit, balance and other problems.



Communicated with multiple brands inverter

Battery BMS supports simultaneous communication and docking with multiple brands inverter

Good safety performance

Extreme safety test, no fire, no explosion, no leakage

51.2V 314AH

Floor Standing LifePo4 Battery

Key Features

- ★ A Grade high quality prismatic cells.
- ★ High quality smart BMS.
- ★ Maintenance free & Low self discharge & Fast and efficient charging.
- ★ LCD Display for intelligent control and monitor.

Protection

- ★ Over charge detection function
- ★ Over discharge detection function
- ★ Over current detection function
- ★ Temperature protection function
- ★ Short circuit detection function
- ★ Balance function
- ★ Upper computer software monitor

Parameters

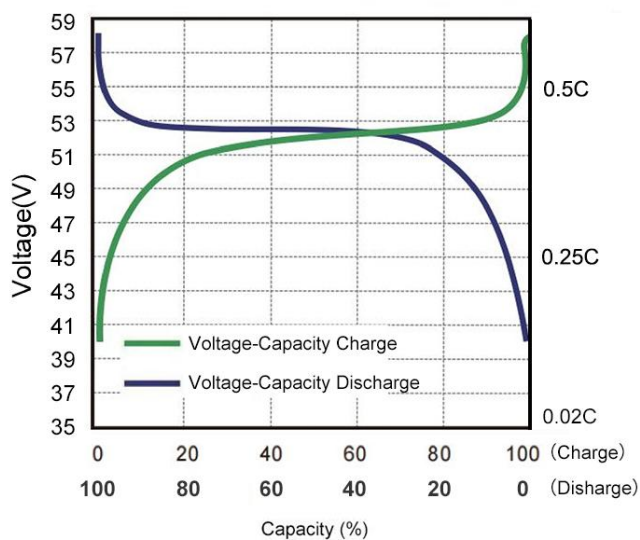
Product model	
Product specification	51.2V 314Ah
Nominal voltage	51.2V
Nominal capacity	314Ah
Cell type	LFP
Standard charge voltage	57.6±0.1V
Standard charge current	≤120A
Max charge current	150A
Discharge cut-off voltage	44.8V
Max discharge current	150A
Parallels function	Support 15 units in parallels
Communication interface	RS485,CAN(Optional)
Cycle life	≥6000 Cycles (80%DOD)
Charge temperature range	0 ~ 60
Discharge temperature range	-20 ~ 60
Colour	Grey
Dimensions	832*500*250MM
Weight	122Kg
Installation method	Floor Standing

51.2V 314AH

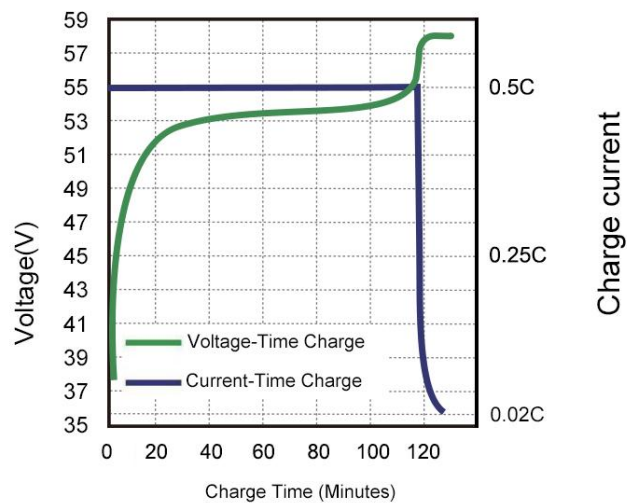
Floor Standing LifePo4 Battery

Charging and Discharge curve

- Charge and discharge curve @0.5C 25°C

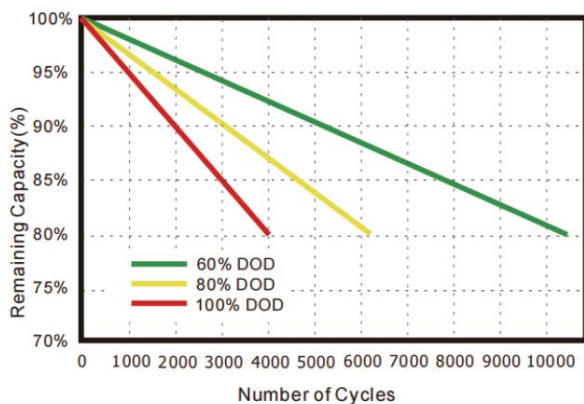


- Charge curve @ 25°C 0.5C

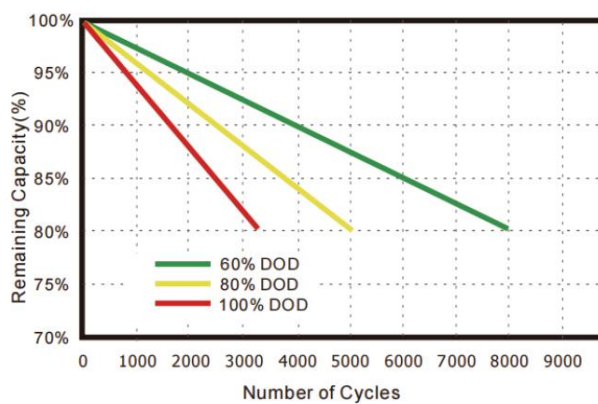


Cycle Life Curve

- Different discharge depth life curves @ 25°C 0.5C



- Different discharge depth life curves @ 40°C 0.5C



51.2V 314AH

Floor Standing LifePo4 Battery

