

SPV Vertical LFP Energy Storage Battery

51.2V-300Ah/314Ah/342Ah/600Ah/628Ah



BMS protection



Pulley design



Home energy storage



Intelligent communication



Product Introduction

The SPV vertical energy storage lithium battery, a long-lived lithium iron phosphate battery, vertical energy storage battery can move freely and conveniently, high-performance BMS protection and management battery system, with a wider range of use and longer lifespan than traditional batteries.

Product features

- ① Grade A LiFePO4 cell
- ② Parallel support for 15PCS
- ③ Compatible with multiple inverter brands
- ④ 6000 cycles @ DOD80%
- ⑤ Bluetooth/WIFI optional
- ⑥ LCD color screen/LCD touch screen (optional)
- ⑦ 150A/200A optional

Application Area

- ✘ Energy storage system, control system, alarm system, power system, database
- ✘ Emergency lighting system, emergency power supply, UPS
- ✘ Telecommunications, communication, and fire protection

Product Parameters

Model	SPV-51.2300	SPV-51.2314	SPV-51.2342	SPV-51.2600	SPV-51.2628
Standard voltage	51.2V	51.2V	51.2V	51.2V	51.2V
Standard capacity	300Ah	314Ah	342Ah	600Ah	628Ah
Rated capacity	15.36kWh	16.07kWh	17.5kWh	30.7kWh	32.15kWh
Working voltage	43.2-57.6V				
Standard charging current	200A				
Standard discharging current	200A	200A	200A	200A	200A
Suggested DOD	80%				
Cycle life	>6000 cycles				
IP Rating	IP21(IP65 optional)				
Discharge operating temperature	-20°C-50°C				
Charging operating temperature	0°C-45°C				
Maximum parallel	15PCS				
Communication	RS232/CAN/RS485 (WIFI/BT optional)				
Display	LCD color screen/LCD touch screen (optional)				
Warranty	5 Years				
Certificate	UN38.3/MSDS/CE/ROHS/FCC				
NW. (kg)	123	126.2	126.2	234.2	252.4
GW.(kg)	142.9	145.9	145.9	258	291.8
Product size (mm)	550*270*860	550*270*860	550*270*860	530*530*790	530*530*790
Package size(mm)	630*940*470	920*620*450	920*620*450	975*630*730	975*630*730