

SPV Vertical LFP Energy Storage Battery

51.2V-280Ah/314Ah
560Ah/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 BMS 200A

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-51.2280	SPV-51.2314	SPV-51.2560	SPV-51.2628
Standard voltage	51.2V	51.2V	51.2V	51.2V
Standard capacity	280Ah	314Ah	560Ah	628Ah
Rated capacity	14.33kWh	16.07kWh	28.67kWh	32.15kWh
Working voltage	43.2-57.6V			
Standard charging current	200A			
Standard discharging current	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)	122	128	227	243
GW.(kg)	139	147	284	300
Product size (mm)	550*270*860	550*270*860	530*530*790	530*530*790
Package size(mm)	880*633*422	880*633*422	1210*885*470	1210*885*470