

# Low Voltage Vertical Battery



Thin mode



More power



Communication



Custom made



- ※ Famous brand composition, quality assurance
- ※ Touch screen makes interaction more convenient
- ※ WiFi/Bluetooth, intelligent monitoring provides more peace of mind
- ※ Supports most brands of inverter communication

## Technical Parameters

Specifications	51.2V100Ah	51.2V200Ah	51.2V280Ah
Can be combined	Parallel 3-layer stackable	Single parallel to 15 PCS	Single parallel to 15 PCS
Battery pack capacity	5.12kWh	10.24kWh	14.34kWh
Standard discharge current	50A	100A	140A
Maximum discharge current	100A	105A	140A
Working voltage range	43.2-57.6VDC	43.2-57.6VDC	43.2-57.6VDC
Standard Voltage	51.2VDC	51.2VDC	51.2VDC
Maximum charging current	50A	50A	50A
Maximum charging voltage	57.6V	57.6V	57.6V
Discharge depth and life	>6000 times (0.5C@25°C) Energy retention rate ≥80%		
Working humidity	65±20%RH		
Operating temperature	0~+40°C		
Working altitude	≤2500m		
Firefighting	Aerosol PACK 12g		
Cooling method	Natural cooling		
Installation method	Vertical installation		
International Protection	IP20		
Warranty	5~10Years		
Communication method	Default: RS485/RS232/CAN(Optional WiFi/4G/Bluetooth)		
Certified product	CE ROHS FCC UN38.3 MSDS ISO9001		
Product Size	630*380*150mm	630*500*150mm	500*1060*1000mm
Package Size	690*440*220mm	690*560*220mm	560*1110*1060mm
Net weight	45kg	90kg	155kg
Gross weight	51kg	96kg	165kg

\*Customized different brands of cell and different voltage, capacity, dimensions/color , OEM/ODM services

\*LSHE low voltage battery series is matched to LSHE off-grid inverter series.



Low voltage protection



Over voltage protection



Over current protection



Over temperature protection



Balanced protection



Over discharge protection



Short circuit protection