

LIFEPO4 ENERGY STORAGE BATTERY

5Kwh~50Kwh Stackable & Movable Mounted



HS51100



HS51200-10



LFP51300

Features



Flexible: Modular design,
easy to expand,
and stackable up to 5pcs.



Safer: Cobalt Free Lithium
Iron Phosphate (LFP) Battery,
safety and long lifespan



Multiple Protection:
Built-in
smart BMS.



Wide Compatibility:
Compatible with
leading inverter
brands.



Designed Life:
12 Years.



Simple and convenient
installation,
more worry-free.

Specification

Parameters	Data Sheet		
Model	HS51100	HS51200-10	LFP51300
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah~500Ah	200Ah ~ 1000Ah	300Ah ~ 900Ah
Battery Energy	5.12Kwh ~ 25.6Kwh	10.24Kwh ~ 51.20Kwh	15.36Kwh ~ 46.08Kwh
Discharging Cut-off Voltage	44.8V± 0.2V	44.8V± 0.2V	44.8V± 0.2V
Charging Cut-off Voltage	57.6V± 0.2V	57.6V± 0.2V	57.6V± 0.2V
Charging Current	Recommend / 20A ; Max. / 50A *	Recommend / 40A ; Max. / 100A *	Recommend / 40A ; Max. / 100A *
Discharging Current	Recommend / 50A ; Max. / 100A *	Recommend / 100A ; Max. / 200A *	Recommend / 100A ; Max. / 200A *
Peak Discharging Current	105A(5 sec.) *	205A(5 sec.) *	205A(5 sec.) *
Nos of Cells	16pcs (Single battery module)	16/32pcs (Single battery module)	16pcs (Single battery module)
Weight	47±0.5Kg (Single battery module)	85±0.5Kg (Single battery module)	118±0.5Kg (Single battery module)
Dimensions(L*W*H)	640*450*180/310mm (Single battery module)	690*590*160/290mm (Single battery module)	690*590*258/388mm (Single battery module)
Cell Type	LiFePO4 Battery		
Terminal	M8		
Case Material	Metal Box		
Communication Mode	RS485/CAN		
Depth of Discharge	95		
Working Temperature	0°C~50°C Charge / -10°C~50°C Discharge		
The Shelf Temperature	-20°C~60°C		
Humidity	5~95%(RH)		
Design Life Cycle	10+Years (25°C/77°F)		
Cycle Life	≥6500 at 25°C		

*The corresponding parameters are for a single battery module. The actual data will change as the number of parallel connections increases. If you have any questions, please feel free to consult us.

