ENERGY STORAGE BATTERY SERIES

Low Voltage (48V) Household Energy Storage Solution



LFP51356 / LFP51392*2



LFP51356 / LFP51392*3



LFP51356 / LFP51392*4

18~80kWh Stackable & Movable Mounted Energy Storage Lithium (LiFePO4) Battery

Parameters	Data Sheet	
Model	LFP51356	LFP51392
Nominal Voltage	51.2V	51.2V
Nominal Capacity	356Ah / 712Ah / 1068Ah / 1424Ah	392Ah / 784Ah / 1176Ah /1568Ah
Battery Energy	18.22kWh / 36.45kWh / 54.68kWh / 72.9kWh	20kWh / 40.14kWh / 60.21kWh / 80.28kWh
Weight	156±0.5Kg (Single battery module)	
Dimensions(L*D*H)	690*590*280/410mm (Single battery module)	
HMI Interface	4.3 inch Touch Display Screen	
Discharging Cut-off Voltage	44.8V± 0.2V	
Charging Cut-off Voltage	57.6V± 0.2V	
Discharging Current	Recommend / 100A; Max. / 200A; Peak / 210A(5 sec)*	
Charging Current	Recommend / 40A ; Max. / 100A*	
Cell Type	LiFePO4 Battery	
Terminal	M8	
Case Material	Metal Box	
Communication Mode	RS485/CAN	
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)	

*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.