

ENERGY STORAGE BATTERY SERIES

Low Voltage (48V) Household Energy Storage Solution



5.2kWh Wall-Mounted Energy Storage Lithium (LiFePO4) Battery

Parameters	Data Sheet
Model	LFP51102
Nominal Voltage	51.2V
Nominal Capacity	102Ah
Battery Energy	5.2kWh
Weight	≈45Kg
Dimensions(L*D*H)	750*112*503/550
Discharging Cut-off Voltage	44.8V± 0.2V
Charging Cut-off Voltage	57.6V± 0.2V
Discharging Current	Recommend / 50A; Max. / 100A; Peak / 105A(5 sec)
Charging Current	Recommend / 30A ; Max. / 50A
Cell Type	LiFePO4 Battery
HMI Interface	Touch Display Screen
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.