



# 5.12kWh Lithium Iron Battery Specs

Rated Voltage	51.2V
Rated Capacity	100Ah
Rated Energy	5.12kWh
Max Charging Current	100A
Max Discharging Current	100A
Lifetime (25°C)	20 Years
Life Cycles (80% DOD, 0.2C, 25°C)	6,000
Max Charging Voltage	57.6V
Over Discharge Voltage	44.8V
Max Parallel Capacity	1~16 units
Communication Interfaces	CAN / RS485 / USB
Lithium Battery Safety Standard	UN38.3, MSDS, IEC 62619: 2017, EN IEC 6100-6, UL1973
Storage Time / Temperature	6 mo@25°C/77°F, 3 mo@35°C/95°F, 1 mo@45°C/113°F
Charging Temperature Range	0~45°C
Discharging Temperature Range	-10~45°C
Enclosure Protection Rating	IP30



## Dimensions

28.5" x 18.1" x 3.9"

## Weight

99.2 lbs