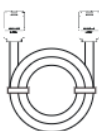


3. What's in the Box



LFP Battery



Battery Cable



User Manual and
Warranty Card



Wall Mounting
Clamp



Screws



Mounting Strap

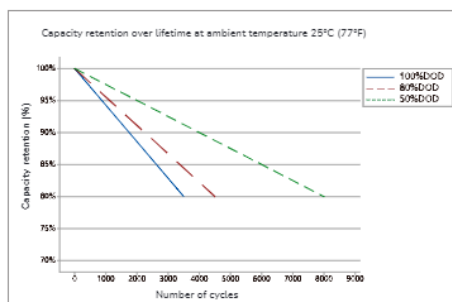


4. Battery Specifications

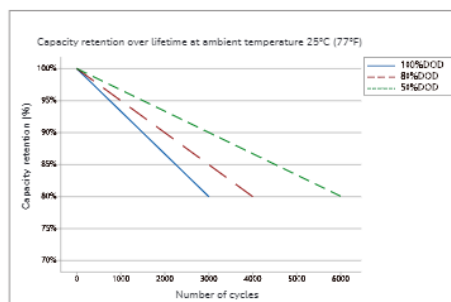
4.1 General Information

	5kWh LFP Battery	2kWh LFP Battery
Net weight	Approx. 89.5 lbs(40.6 kg)	Approx. 37.7 lbs(17.1 kg)
Dimensions	19.7 x 10.2 x 11.8 in 500 x 260 x 300 mm	13.7 x 7.8 x 11.2 in 348 x 198 x 285 mm
Nominal Capacity	5120Wh(100Ah)	2048Wh(40Ah)
Nominal Voltage	51.2V	51.2V
Configuration	16S1P	16S2P
Charging Cut-off Voltage	57.6V	57.6V
Discharging Cut-off Voltage	40V	40V
Max Continued Charging Current	80A	32A
Max Continued Discharge current	100A	80A
Battery Chemistry	LiFePO ₄	LiFePO ₄
Cycle life	3,500 cycles to 80% capacity	3,000 cycles to 80% capacity
IP Rating	IP54	IP54

4.2 Cycle Curve



5kWh LFP Battery



2kWh LFP Battery

*To obtain longer battery life, it is recommended to use partial charging and discharging, i.e. with a depth of discharge (DOD) of less than 80%. The DOD is the ratio of the amount of battery discharge to the rated capacity of the battery.

4.3 Operating Temperature

	5kWh LFP Battery	2kWh LFP Battery
Discharge Temperature Range	-20°C~50°C (-4°F~122°F)	-20°C~50°C (-4°F~122°F)
Charge Temperature Range	-20°C~50°C (-4°F~122°F) (auto-heating below 0°C (32°F))	-20°C~50°C (-4°F~122°F) (auto-heating below 0°C (32°F))
Humidity Range	Max. 90%RH	Max. 90%RH
Storage Temperature	-20°C~50°C (-4°F~122°F) (optimal 15°C~25°C (59°F~77°F))	-20°C~50°C (-4°F~122°F) (optimal 15°C~25°C (59°F~77°F))

*Whether this battery can be charged or discharged depends on actual temperature of the battery.

*This battery will activate auto-heating function when charging temperature falls below 0°C (32°F).