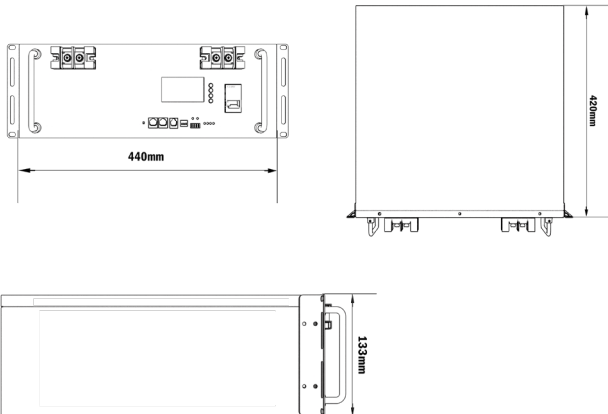


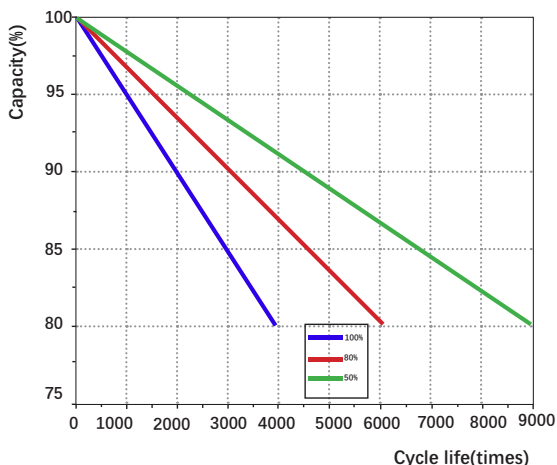


LithiumIronPhosphate(LiFePO)Battery

Physical Dimensions



Discharge Characteristics



Specifications

Electrical Characteristics	Nominal Voltage	25.6V
	Rated Capacity	100AH
	Series X Parallel Standard	1S X 8P
	Series X Parallel Maximum	1S X 15P
	Circuit Protection	Over charge Over discharge Over current Over temp. Short circuit Balance
	Cycle Life	≥ 6000 cycles @ 1C 80% DOD
	Monthly Self Discharge	Less than 2%
Charge	Efficiency of Charge	95% @ 1C (when used with proper LiFePO4 charger)
	Efficiency of Discharge	96 ~ 99% @ 1C
	Charge Voltage	27.6 ± 0.2V
Discharge	Standard Charge Current	100A
	Max. Charge Current	100A
	Std. Discharge Current	100A
Environmental	Max. Continuous Current	100A
	Discharge Cut-off Voltage	22.4V
	Charge Temperature	0° C to 55° C (32° F to 131° F) at 60 ± 25% Relative Humidity
Mechanical	Discharge Temperature	-20° C to 60° C (-4° F to 140° F) at 60 ± 25% Relative Humidity
	Storage Temperature	-20° C to 45° C (-4° F to 113° F) at 60 ± 25% Relative Humidity
	Cell Material	LiFePO4
Optional	Case / IP Class	IP20
	Dimensions (mm)	L420* W440 * H133
	Approx. Weight (kg)	25.00
	Communication port	RS232/CAN/RS485
Extended Functions	Bluetooth, 4G module	

*Warranty: 5years