



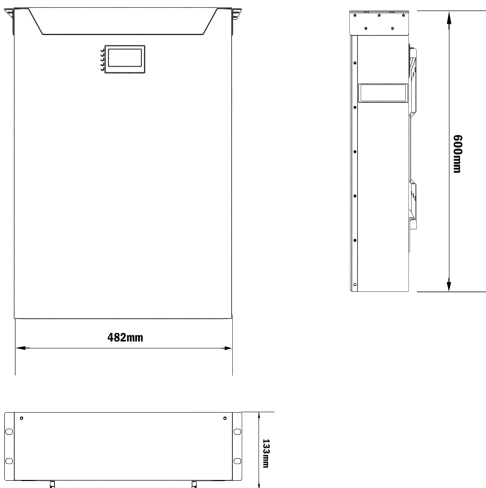
LithiumIronPhosphate(LiFePO)Battery

■ Specifications

Electrical Characteristics	Nominal Voltage	51.2V
	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%
	Efficiency of Charge	100% @ 0.5C (when used with proper LiFePO4charger)
Efficiency of Discharge	96 ~ 99% @ 1C	
Charge	Charge Voltage	55.2 ± 0.2V
	Standard Charge Current	20A
	Max. Charge Current	100A
Discharge	Std. Discharge Current	50A
	Max. Continuous Current	100A
	Discharge Cut-off Voltage	44.8V
Environmental	Charge Temperature	0° C to 55° C (32° F to 131° F) at 60 ± 25% Relative Humidity
	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
Mechanical	Cell Material	LiFePO4
	Case/IP Class	Metal Shell/IP20
	Dimensions (mm)	L133*W482*H600
	Approx. Weight (kg)	40.00
	Communication Port	RS232/CAN/RS485
Optional	Extended Functions	Bluetooth, 4G module

*Warranty: 5years Extended 10 years

■ Physical Dimensions



■ Discharge Characteristics

