

VLEP200-48V 48V200AH



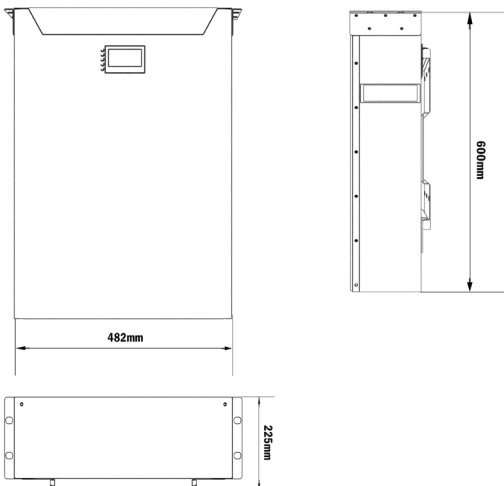
LithiumIronPhosphate(LiFePO)Battery

■ Specifications

Electrical Characteristics	Nominal Voltage	51.2V
	Rated Capacity	200AH
	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 @ 0.5C 80% DOD
	Monthly Self Discharge	Less than 2%
	Efficiency of Charge	100% @ 0.5C (when used with proper LiFePO4charger)
Charge	Efficiency of Discharge	96 ~ 99% @ 1C
	Charge Voltage	55.2 ± 0.2V
	Standard Charge Current	100A
Discharge	Max. Charge Current	100A
	Std. Discharge Current	100A
	Max. Continuous Current	150A
Environmental	Discharge Cut-off Voltage	44.8V
	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
Mechanical	Storage Temperature	-20° C to 45° C (-4° F to 113° F) at 60 ± 25% Relative Humidity
	Cell Material	LiFePO4
	Case/IP Class	Metal Shell/IP20
	Dimensions (mm)	L225*W482*H600
	Approx. Weight (kg)	85.00
Optional	Communication Port	RS232/CAN/RS485
	Extended Functions	Bluetooth, 4G module

*Warranty: 5years Extended 10years

■ Physical Dimensions



■ Discharge Characteristics

