

Model		FlinAmp 200, 5kWH LiFePO4 Battery
General Characteristics	Nominal Voltage	25.6V
	Capacity	200Ah
	Energy	5120 Wh
	No of Cells	8S2P
	Cell Type	Prismatic
	Cell Chemistry	LFP
Electrical Characteristics	Recommended Pack Charging Voltage	28V
	Maximum Pack Charging Voltage	28.4V
	Recommended Pack Discharge Cut-Off Voltage	22.8V
	Minimum Pack Discharge Cut-Off Voltage	22.4V
	Charging Mode	CCCV
	Recommended Charging Current	60A
	Maximum Charging Current	100A
	Maximum Discharge Current	200A
	Cell Discharge Protection Level	2.85V
	Cell Charge Protection Level	3.5V
Cycle Life (at 25 degrees Celsius)	3000	
Protections	BMS Type	Microprocessor with parallel protection
	Communication	RS485, CAN & WiFi
	Cell Balancing	Active Balancing
	Over Current Protection	Yes
	Short Circuit Protection	Yes
	Temperature Protection	Yes
Temperature	Working Temperature (degree Celsius)	Charge temp: 0-50
		Discharge temp: -10 to 50
	Storage Temperature (degree Celsius)	0-45
Mechanical Characteristics	Casing Type	MS, rack mountable
	Weight	54.6 kgs
	Dimensions (l x w x h) mm	482 x 600 x 175