

Model		FlinAmp 150, 5kWH LiFePO4 Battery
General Characteristics	Nominal Voltage	51.2V
	Capacity	105Ah
	No of Cells	16
	Cell Type	Prismatic
	Cell Chemistry	LFP
Electrical Characteristics	Recommended Pack Charging Voltage	56V
	Maximum Pack Charging Voltage	56.8V
	Charging Mode	CCCV
	Recommended Charging Current	<=30A
	Maximum Charging Current	50A
	Maximum Discharge Current	150A
	Cell Discharge Protection Level	2.85V
	Cell Charge Protection Level	3.5V
	Cycle Life (at 25 degrees Celsius)	6000
Protections	BMS Type	Microprocessor with parallel protection
	Communication	RS485, CAN, WiFi & Bluetooth
	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	55 kgs
	Dimensions (l x w x h) mm	482 x 600 x 179.5