

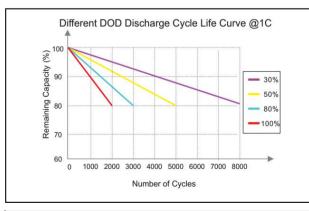


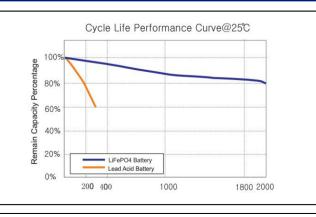
EPPS-12055 (12.8V-55Ah)



Specification:		
Electrical Charateristics	Nominal Voltage	12.8V
	Nominal Capacity	55AH
	Energy	704Wh
	Internal Resistance	\leq 20m Ω
	Cycle Life	>2000 cycles at 0.2C 100% DOD
	Months Self Discharge	<3%
	Efficiency of Charge	100% at 0.5C
	Efficiency of Discharge	96~99% at 1C
Charge	Charge Voltage	14.6+/-0.2V
	Charge Mode	CC at 0.2C to 14.6V, then at CV14.6V to charge current less than 0.02C
	Charge Current	14.6A
	Max. Charge Current	25A
	Charge Cut-Off Voltage	15.6V+/-0.2V
Discharge	Max. Continuous Current	55A
	Max. Pulse Current	110A (<3s)
	Discharge Cut-Off Voltage	8V
Environment	Charge Temperature	0°C to 45°C (32F to 113F) at 60±25% Relative Humidity
	Discharge Temperature	- 20°C to 60°C (-4F to 140F) at 60±25% Relative Humidity
	Storage Temperature	0°C to 40°C (32F to 104F) 60±25% Relative Humidity
	Water Dust Resistance	IP56
Mechanical	Cell Material	LiFePO4
	Plastic Case	ABS
	Dimensions (inch)	9" x 5.43" x 8.31"
	Weight (lbs)	18.1 lbs.
	Terminal	M6
BMS	Protection Function	Over Charge Protection, Over Discharge Protection, Over Current Protection, Short Current Protection, Balance Function, Temperature Protection

Discharge Characteristic





Fleaux Services of Louisiana LLC TEL: 1-844-4-FLEAUX FAX: 318-603-5440 www.fleaux.com