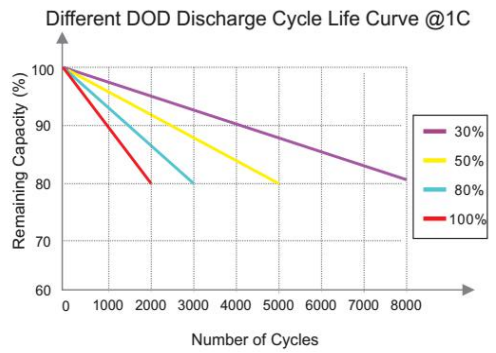
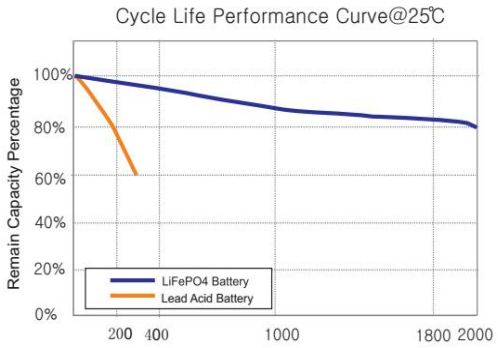
EXS-12120 (12V-120AH)

Specification:

Electrical Charateristics	Nominal Voltage	13.2V
	Nominal Capacity	120AH
	Energy	1584Wh
	Internal Resistance	≦ 20mΩ
	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 Volts	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	10 A
	Max. Charge Current	10A
	Charge Cut-Off Voltage	15.6V+/-0.2V
Discharge	Max. Continuous Current	100A
	Max. Pulse Current	200A (<3s)
		10.8V
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	N/A
Mechanical	Cell Material	LiFePO4
	Case Material	ABS
	Dimensions (in.)	11.75"x7.75"x10"
	Weight (lbs.)	33 lbs.
	Terminal	M5 Knurled Knob
BMS	Protection function	Over charge protection、Over discharge protection、Over current protection, Short circuit protection、Balanced function、Temperature protection

Discharge Characteristic





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