

## CELL FEATURES

- High capacity Lithium Ferrophosphate (LFP) prismatic cell
- One of the safest lithium chemistries currently available
- High charge & discharge efficiency lead acid alternative
- Excellent cycle life and thermal stability
- Easily configurable for a variety of voltages and capacities
- Available in a wide range of sizes and capacities



#580021

PERFORMANCE CHARACTERISTICS	TYPICAL
Capacity	120 Ah
Voltage (Nominal)	3.2V
Discharge Energy	384Wh
Weight	2.95 kg ± 0.02
Specific Energy	130Wh/kg
Max Cont. Discharge Current @ 25°C	120A
Max Pulse Discharge Current @ 25°C, 10s	360A
DC Resistance	≤0.4 mΩ
Peak Power	≤1920W
Specific Power	≤650.8W/kg

CYCLE LIFE	TYPICAL
100% DOD Cycles @ 25°C, 1C/1C	≥2000 cycles*
100% DOD Cycles @ 45°C, 1C/1C	≥1200 cycles*

\*Cycle life to 80% of rated capacity

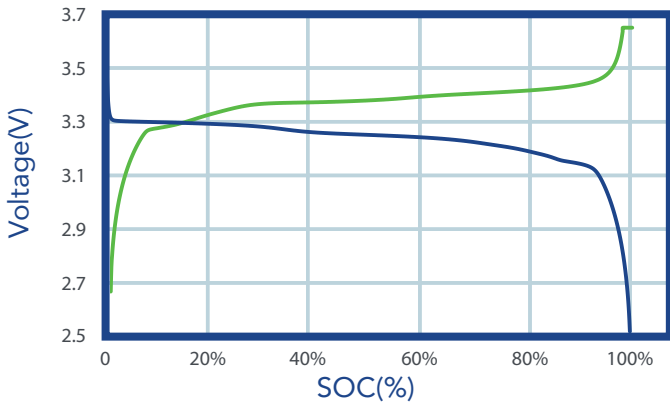
OPERATIONAL RANGE	TYPICAL
Upper Voltage Limit	3.65V
Lower Voltage Limit	2.5V
Charge Temperature Range	0°C ~ 55°C
Discharge Temperature Range	-20°C ~ 55°C



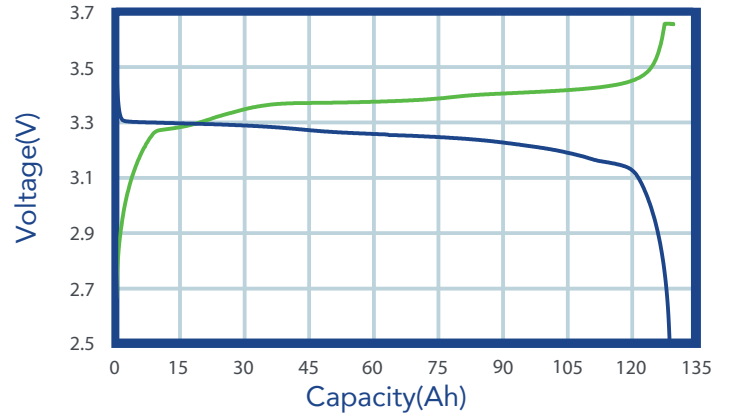
**120Ah 3.2V**

MECHANICAL SPECIFICATIONS	
Dimensions (LxWxH)	173.9 x 47.7 x 170.3mm 6.8 x 1.9 x 6.7in
Weight	2.95kg / 6.5lbs
Terminal Type	M4 screw terminal (custom options upon request)
Chemistry	LiFePO <sub>4</sub>

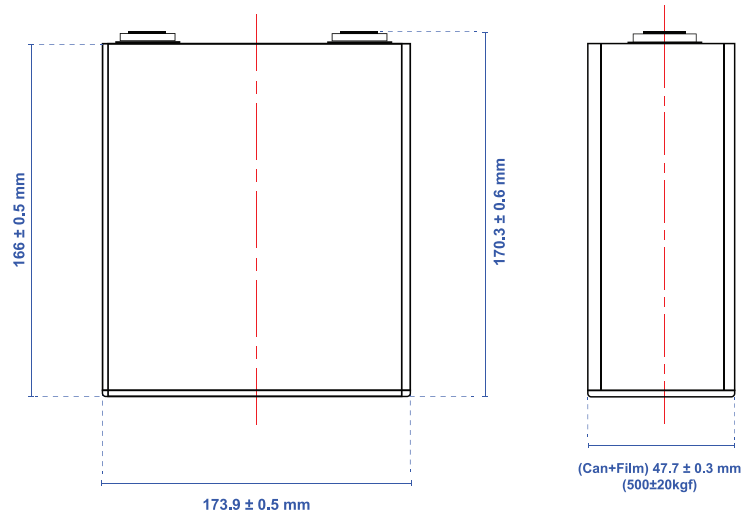
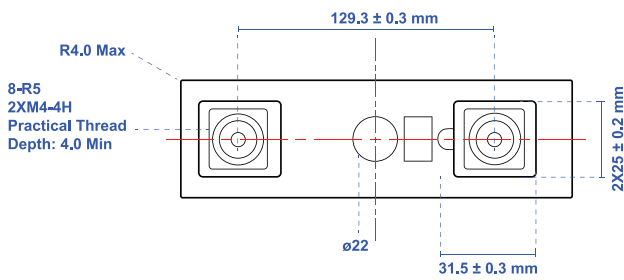
## CHARGE/DISCHARGE CURVE SoC%



## CHARGE/DISCHARGE CURVE CAPACITY/Ah



## MECHANICAL DRAWINGS (mm)



ELECTROVOLT  
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