

## 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



#580019

PERFORMANCE CHARACTERISTICS	TYPICAL
Capacity	240Ah
Voltage (Nominal)	3.2V
Discharge Energy	768Wh
Weight	5.12 kg ± 0.02
Specific Energy	150Wh/kg
Max Cont. Discharge Current @ 25°C	240A
Max Pulse Discharge Current @ 25°C, 10s	720A
DC Resistance	≤0.4 mΩ
Peak Power	≤3840W
Specific Power	≤750W/kg



**240Ah 3.2V**

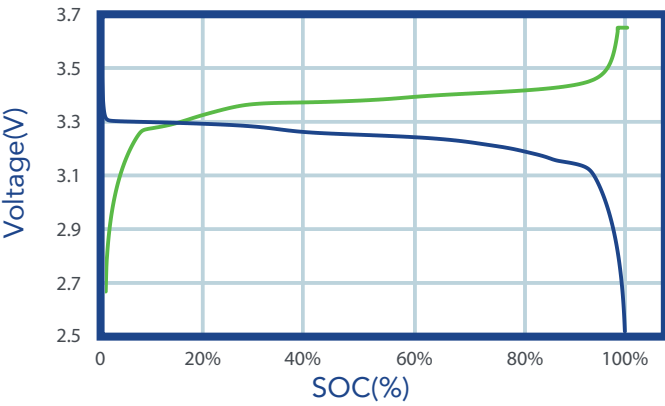
CYCLE LIFE	TYPICAL
100% DOD Cycles @ 25°C, 1C/1C	≥2000 cycles*
100% DOD Cycles @ 45°C, 1C/1C	≥1200 cycles*

\*Cycle life to 80% of rated capacity

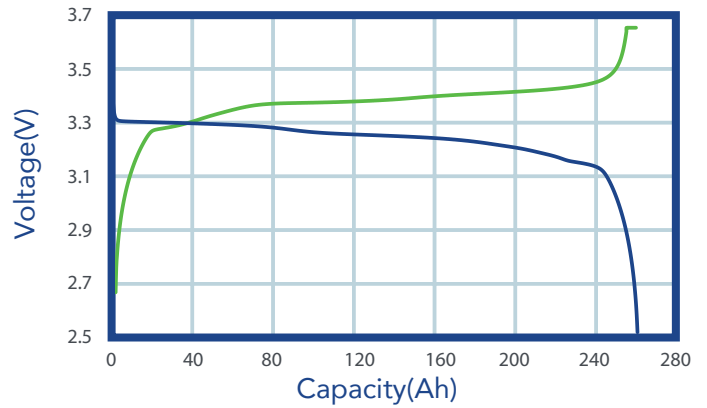
OPERATIONAL RANGE	TYPICAL
Upper Voltage Limit	3.65V
Lower Voltage Limit	2.5V
Charge Temperature Range	0°C ~ 55°C
Discharge Temperature Range	-20°C ~ 55°C

MECHANICAL SPECIFICATIONS	
Dimensions (LxWxH)	174.6 x 71.6 x 207.1mm
	6.9 x 2.8 x 8.2in
Weight	5.12kg / 11.29lbs
Terminal Type	M4 screw terminals (custom options upon request)
Chemistry	$\text{LiFePO}_4$

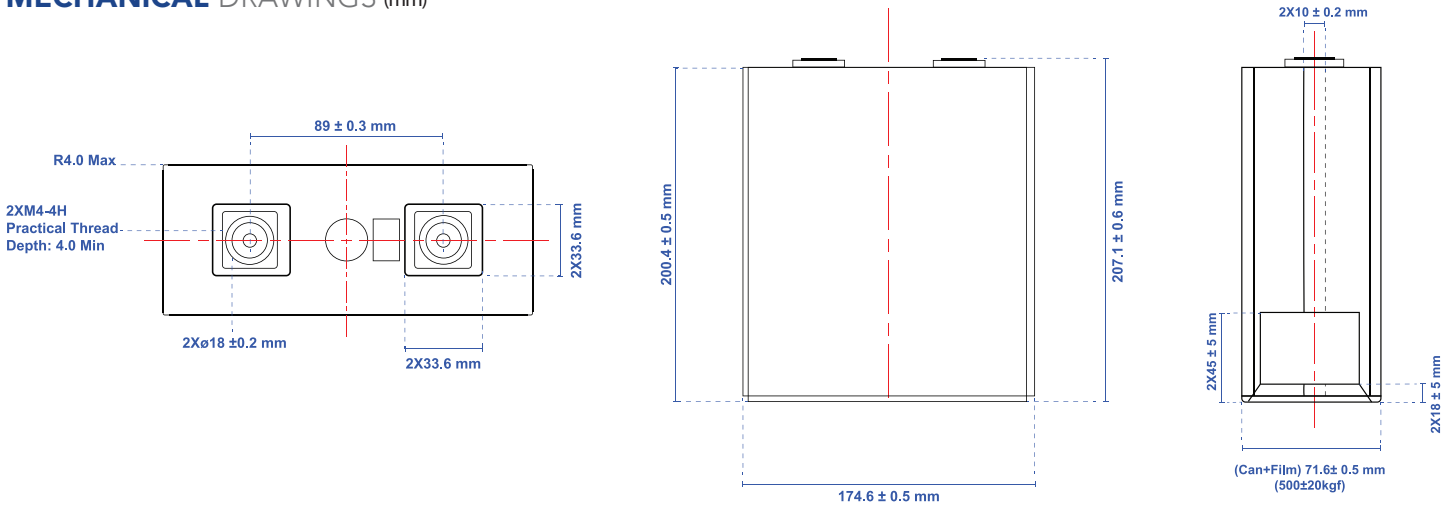
### CHARGE/DISCHARGE CURVE SoC%



### CHARGE/DISCHARGE CURVE CAPACITY/Ah



### MECHANICAL DRAWINGS (mm)



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