

## CELL FEATURES

- High capacity Nickel Cobalt Manganese (NMC) prismatic cell
- Easily configurable for a variety of voltages and capacities
- High energy density, low cost and long cycle life
- Stable energy for applications requiring frequent cycling
- Low self discharge rate and low maintenance
- Available in a wide range of sizes and capacities

PERFORMANCE CHARACTERISTICS	TYPICAL
Capacity	75Ah
Voltage (Nominal)	3.65V
Discharge Energy	273.8Wh
Weight	1.28 kg ± 0.02
Specific Energy	213Wh/kg
Max Cont. Discharge Current @ 25°C	150A
Max Pulse Discharge Current @ 25°C, 10s	300A
DC Resistance	≤1.4 mΩ
Peak Power	≤1368.8W
Specific Power	≤1062.7W/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	4.2V
Lower Voltage Limit	2.8V
Charge Temperature Range	10°C ~ 45°C
Discharge Temperature Range	-30°C ~ 60°C



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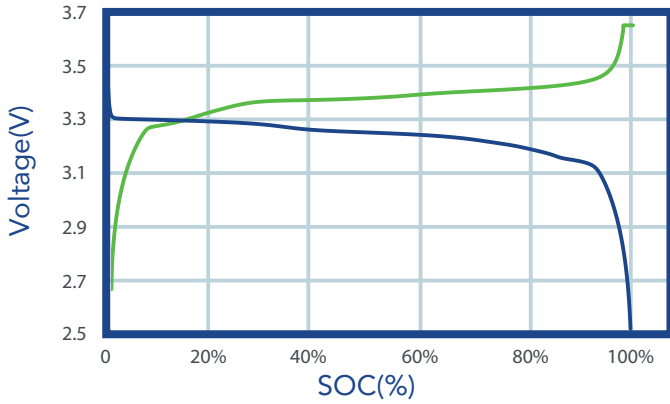


75Ah 3.65V

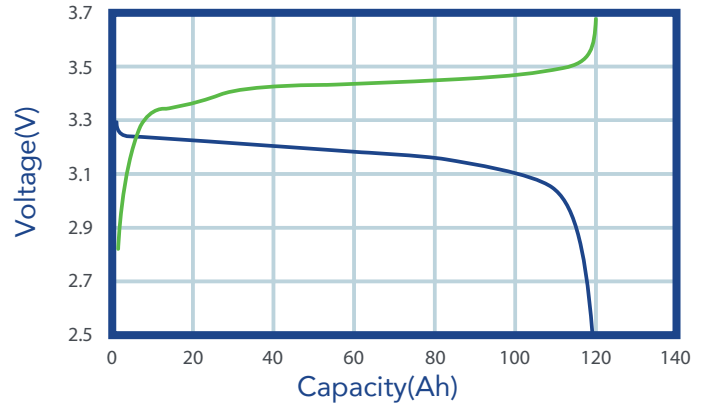
MECHANICAL SPECIFICATIONS	
Dimensions (LxWxH)	148 x 39 x 101mm
	5.8 x 1.5 x 4in
Weight	1.28kg / 2.82lbs
Terminal Type	Weldable Tabs (custom options upon request)
Chemistry	NMC

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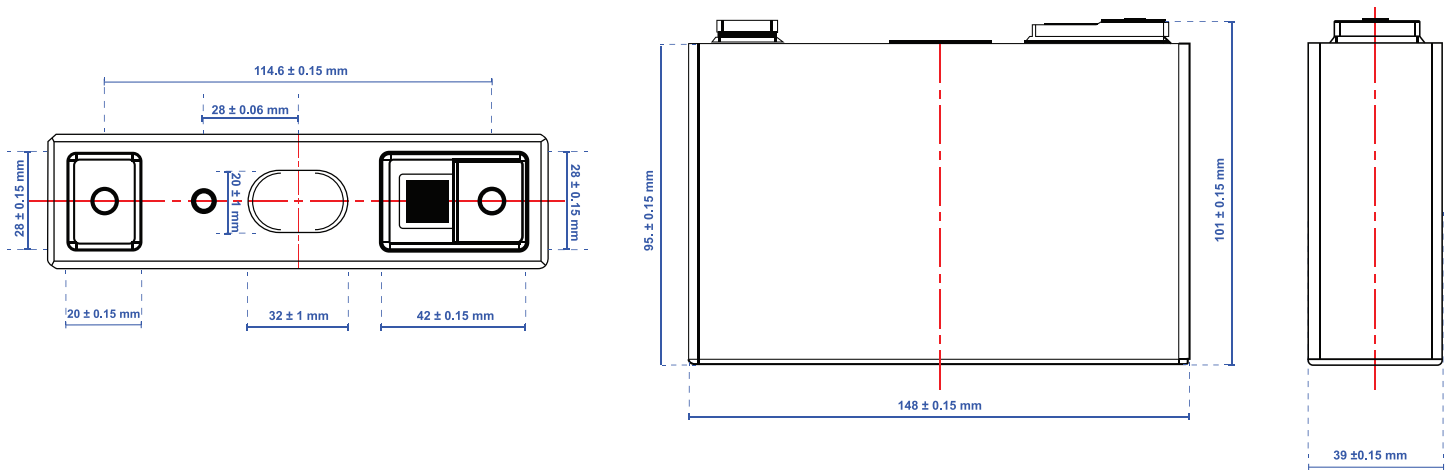
## CHARGE/DISCHARGE CURVE SoC%



## CHARGE/DISCHARGE CURVE CAPACITY/Ah



## MECHANICAL DRAWINGS (mm)



ELECTROVOLT  
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