

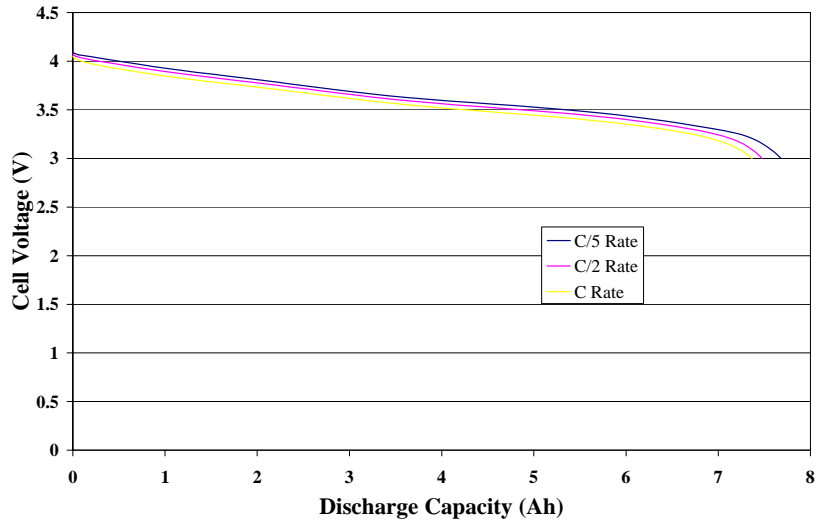


**NCP7-3**  
**Model LP31790**  
**3.6V, 7 Ah Lithium Ion Cell**

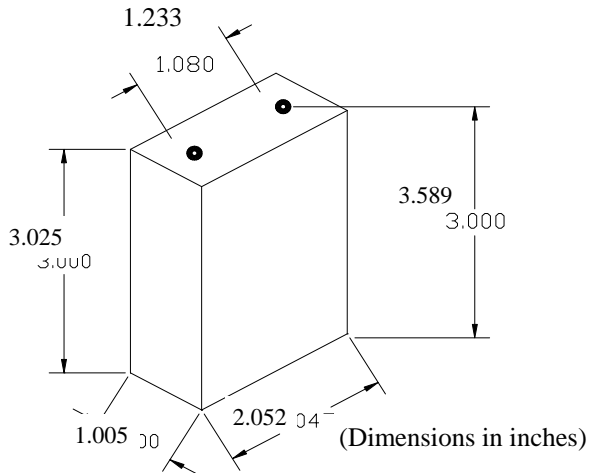


*Physical Dimensions*

*Typical Discharge Curves*



*Performance Data*



<b>Cathode:</b> Mixed Metal Oxide	<b>Nominal Voltage:</b> 3.6 VDC
<b>Anode:</b> Graphite	<b>Nominal Weight:</b> 0.245 kg
<b>Electrolyte:</b> EC:DMC:DEC	<b>Cycle Life:</b> > 2000 Cycles
<b>Nominal Capacity:</b> 7.5 Ah (BOL)*	<b>Energy Density:</b> 270 Wh/L (BOL)*
<b>Pulse Current:</b> 70 A (0.1 sec.)	<b>Specific Energy:</b> 110 Wh/kg (BOL)*
<b>Continuous Current:</b> 35 A (20 deg. C)	<b>Coulombic Efficiency:</b> 99%
<b>Dimensions: (mm)</b> 52W x 26T x 77H	<b>Fade Rate:</b> 0.01%/Cycle
<b>Operating Temperature Range:</b> -40C to +60C	
* BOL (Beginning of Life)	

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