



**LITHIUM-ION RECHARGEABLE BATTERY**

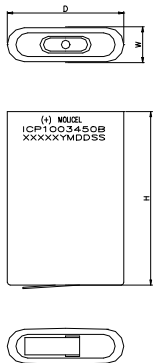
**PRODUCT DATA SHEET**  
**MODEL ICP1003450B**

**CELL SPECIFICATIONS**

<b>Capacity</b>	<b>Typical</b>	<b>1800 mAh</b>
	<b>Minimum</b>	<b>1750 mAh</b>
<b>Cell Voltage</b>	<b>Nominal</b>	<b>3.7 V</b>
	<b>Charge</b>	<b>4.2 V</b>
	<b>Discharge</b>	<b>3.0 V</b>
<b>Charge Current</b>	<b>Standard</b>	<b>1.8 A</b>
	<b>Maximum</b>	<b>1.8 A</b>
<b>Charge Time</b>	<b>Standard</b>	<b>2.5 hr</b>
<b>Discharge Current</b>	<b>Maximum*</b>	<b>3.1 A</b>
<b>Internal Resistance</b>	<b>AC (1 KHz)</b>	<b>95 mΩ (Max)</b>
<b>Ambient Temperature</b>	<b>Charge</b>	<b>0°C to 45°C</b>
	<b>Discharge</b>	<b>-20°C to 60°C</b>
<b>Energy Density</b>	<b>Gravimetric</b>	<b>148 Wh/kg</b>
	<b>Volumetric</b>	<b>384 Wh/l</b>

\* Cycle life performance is not warranted at maximum discharge current.

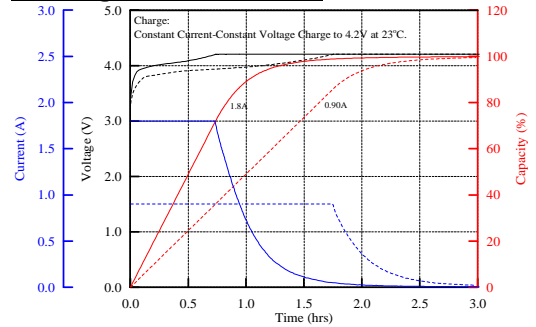
**PHYSICAL CHARACTERISTICS**



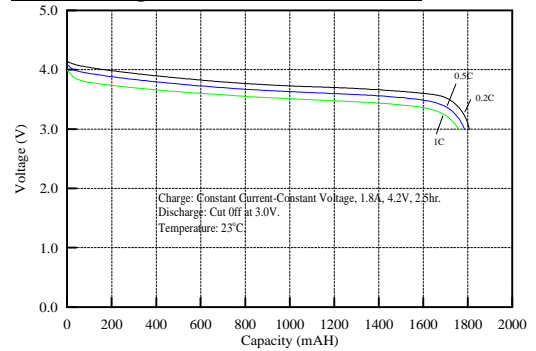
<b>Shape</b>	<b>Prismatic</b>
<b>Can</b>	<b>Steel</b>
<b>Dimension</b>	
<b>Thickness (T)</b>	<b>*10.8 mm (Max)</b> <b>**11.0 mm (Max)</b>
<b>Width (W)</b>	<b>33.9 mm (Max)</b>
<b>Height (H)</b>	<b>50.2 mm (Max)</b>
<b>Weight</b>	<b>46.5 g (Max)</b>
<b>*Thickness at shipping state</b>	
<b>**Thickness after 300 cycles</b>	

This cell includes PTC at the bottom.  
The information contained herein is for reference only and does not imply a performance guarantee or a product warranty. Specifications and characteristics are subject to change without prior notice. For application specific information, please contact E-One Moli Energy Sales and Applications or the nearest MOLICEL® recognized agent.

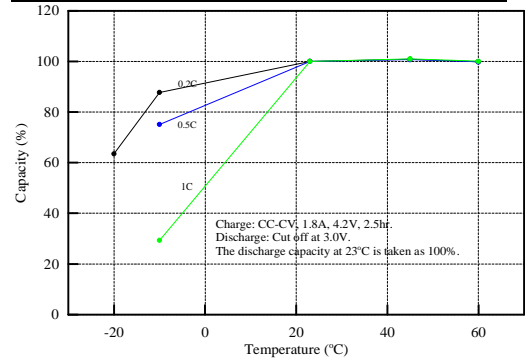
**Charge Characteristics**



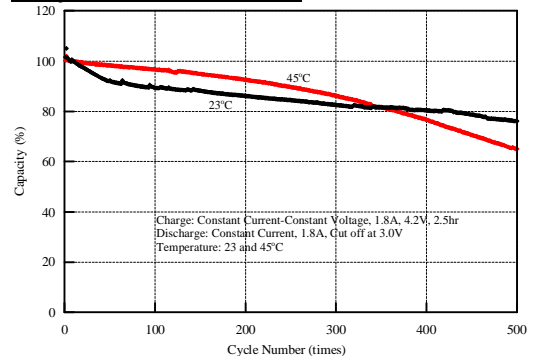
**Discharge Rate Characteristics**



**Discharge Temperature Characteristic**



**Cycle Characteristics**



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