



**LITHIUM-ION RECHARGEABLE BATTERY**

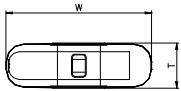
**PRODUCT DATA SHEET**  
**MODEL ICP103450DA**

**CELL SPECIFICATIONS**

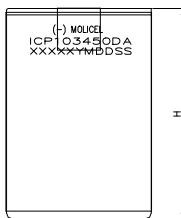
<b>Capacity</b>	<b>Typical</b>	<b>2200 mAh</b>
	<b>Minimum</b>	<b>2150 mAh</b>
<b>Cell Voltage</b>	<b>Nominal</b>	<b>3.7 V</b>
	<b>Charge</b>	<b>4.2 V</b>
	<b>Discharge</b>	<b>3.0 V</b>
<b>Charge Current</b>	<b>Standard</b>	<b>1.1 A</b>
	<b>Maximum</b>	<b>2.2 A</b>
<b>Charge Time</b>	<b>Standard</b>	<b>3.0 hr</b>
<b>Discharge Current</b>	<b>Maximum*</b>	<b>2.5 A (≤ 45 °C)</b> <b>1.5 A (≤ 60 °C)</b>
	<b>Internal Resistance</b>	<b>AC (1 KHz) 65 mΩ (Max)</b>
<b>Ambient Temperature</b>	<b>Charge</b>	<b>0°C to 45°C</b>
	<b>Discharge</b>	<b>-30°C to 60°C</b>
<b>Energy Density</b>	<b>Gravimetric</b>	<b>193 Wh/kg</b>
	<b>Volumetric</b>	<b>478 Wh/l</b>

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

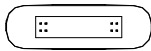
**PHYSICAL CHARACTERISTICS**



**Shape** Prismatic  
**Can** Aluminum



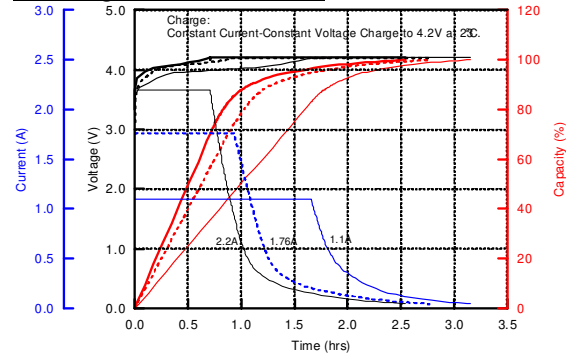
**Dimension**  
**Thickness (T)** \*10.8 mm (Max)  
\*\*12.0 mm (Max)  
**Width (W)** 34 mm (Max)  
**Height (H)** 50 mm (Max)  
**Tab Dimensions (Positive)** 5 x 20 mm



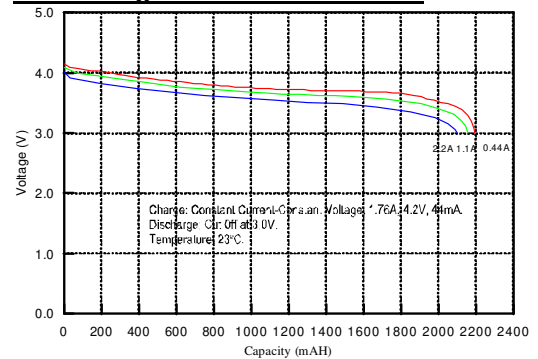
**Weight** 43.0 g (Max)  
**\*Thickness at shipping state**  
**\*\*Thickness after 1C 400 cycles at 23°C**

This cell include thermal breaker inside.  
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.

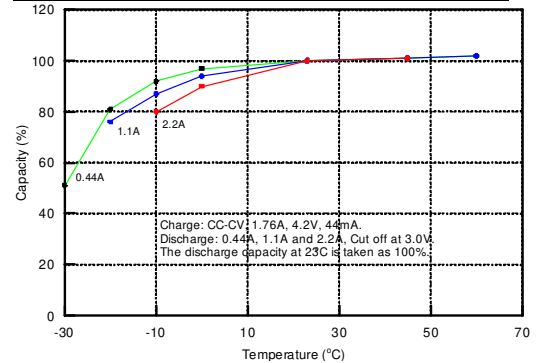
**Charge Characteristics**



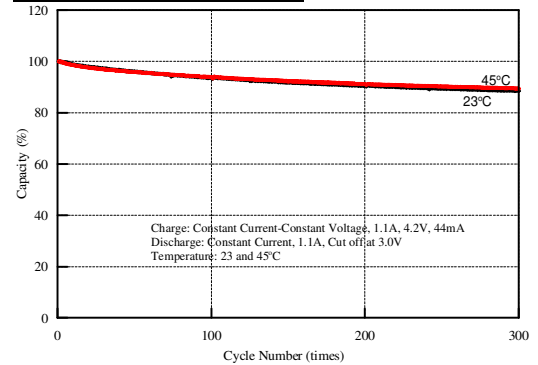
**Discharge Rate Characteristics**



**Discharge Temperature Characteristic**



**Cycle Characteristics**



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