



**LITHIUM-ION RECHARGEABLE BATTERY**

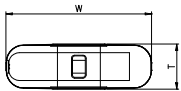
**PRODUCT DATA SHEET**  
**MODEL ICP103450CA**

**CELL SPECIFICATIONS**

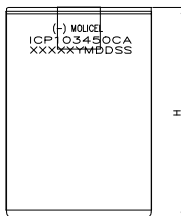
Capacity	Typical	1960 mAh
	Minimum	1900 mAh
Cell Voltage	Nominal	3.7 V
	Charge	4.2 V
	Discharge	3.0 V
Charge Current	Standard	1.33 A
	Maximum	1.9 A
Charge Time	Standard	3.0 hr
Discharge Current	Maximum*	2.5 A ( $\leq 45^\circ\text{C}$ ) 2.0 A ( $\leq 60^\circ\text{C}$ )
	Internal Resistance	AC (1 KHz) 75 m $\Omega$ (Max)
Ambient Temperature	Charge	0 $^\circ\text{C}$ to 45 $^\circ\text{C}$
	Discharge	-20 $^\circ\text{C}$ to 60 $^\circ\text{C}$
Energy Density	Gravimetric	178 Wh/kg
	Volumetric	403 Wh/l

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

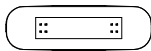
**PHYSICAL CHARACTERISTICS**



Shape: Prismatic  
Can: Aluminum



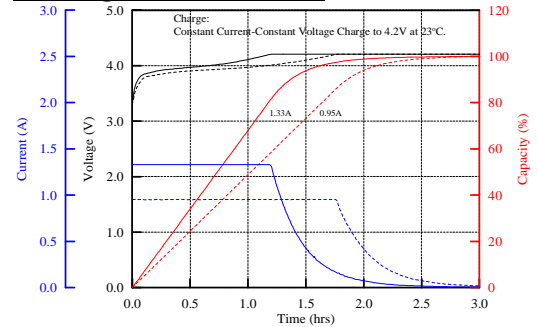
Dimension: Thickness (T) \*10.8 mm (Max)  
\*\*11.5 mm (Max)  
Width (W): 34 mm (Max)  
Height (H): 50 mm (Max)  
Tab Dimensions (Positive): 5 x 20 mm



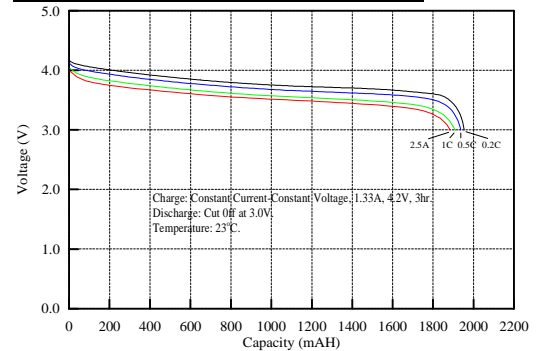
Weight: 41.5 g (Max)  
\*Thickness at shipping state  
\*\*Thickness after 300 cycles

This cell include thermal fuse 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.

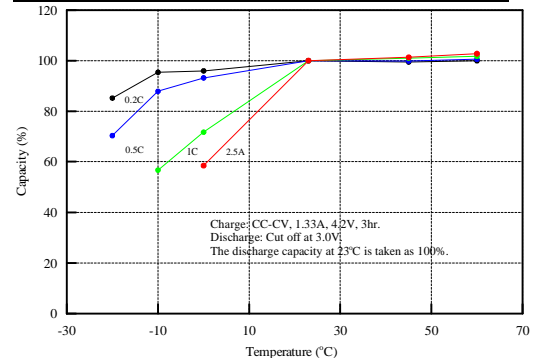
**Charge Characteristics**



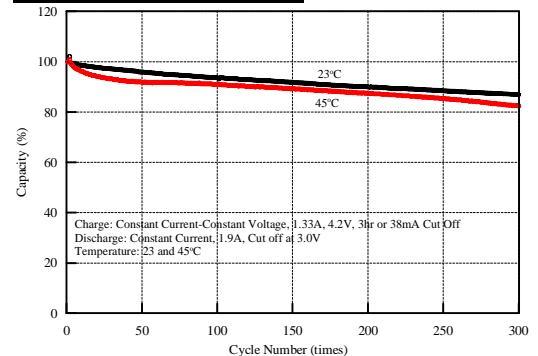
**Discharge Rate Characteristics**



**Discharge Temperature Characteristic**



**Cycle Characteristics**



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**Agency:**