



LITHIUM-ION RECHARGEABLE BATTERY

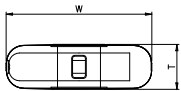
PRODUCT DATA SHEET
MODEL ICP103450CA

CELL SPECIFICATIONS

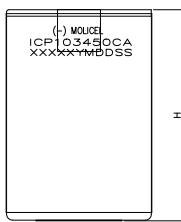
Capacity	Typical	1960 mAh
	Minimum	1900 mAh
Cell Voltage	Nominal	3.7 V
	Charge	4.2 V
	Discharge	3.0 V
Charge Current	Standard	1.33 A
	Maximum	1.9 A
Charge Time	Standard	3.0 hr
Discharge Current	Maximum*	2.5 A ($\leq 45^\circ\text{C}$) 2.0 A ($\leq 60^\circ\text{C}$)
	Internal Resistance	AC (1 KHz) 75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

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

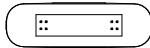
PHYSICAL CHARACTERISTICS



Shape Prismatic
Can Aluminum



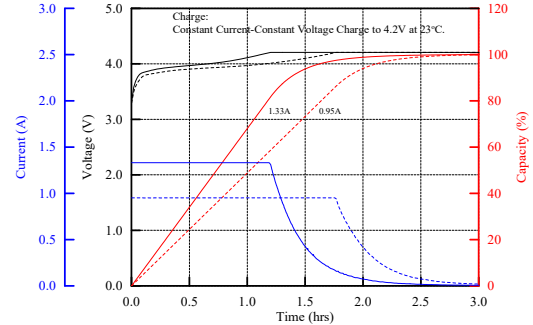
Dimension
Thickness (T) *10.9 mm (Max)
**12.0 mm (Max)
Width (W) 34 mm (Max)
Height (H) 50 mm (Max)
Tab Dimensions (Positive) 5 x 20 mm



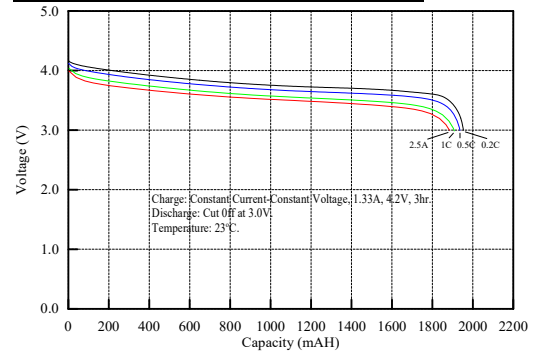
Weight 41.5 g (Max)
***Thickness at shipping state**
****Thickness after 1C 300 cycles at 23°C**

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.

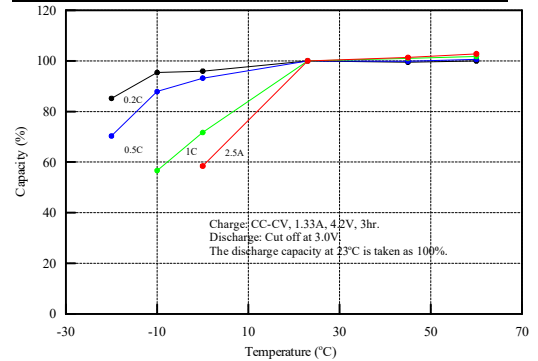
Charge Characteristics



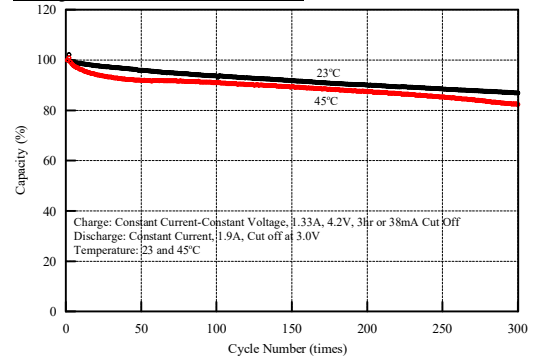
Discharge Rate Characteristics



Discharge Temperature Characteristic



Cycle Characteristics



Taiwan Facility
10 Dali 2nd Rd., Shan-Hwa,
Tainan City, Taiwan, R.O.C.
Tel: 886-6-505-0666
Fax: 886-6-505-0777
Mail to: service@molicel.com
<http://www.molicel.com>

Canada Facility
20 000 Stewart Crescent
Maple Ridge, BC, Canada, V2X 9E7
Tel: 1-604-466-6654
Fax: 1-604-466-6600
Mail to: molicel@molienergy.com
<http://www.molicel.com>

Headquarters
10F, 113, Sec.2, Zhung Shan N Rd.,
Taipei, Taiwan, R.O.C.
Tel: 886-2-2567-3500
Fax: 886-2-2567-6500