



LITHIUM-ION RECHARGEABLE BATTERY

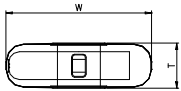
PRODUCT DATA SHEET
MODEL ICP103450DA

CELL SPECIFICATIONS

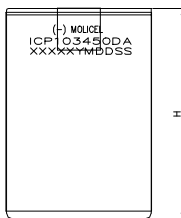
Capacity	Typical	2200 mAh
	Minimum	2150 mAh
Cell Voltage	Nominal	3.7 V
	Charge	4.2 V
	Discharge	3.0 V
Charge Current	Standard	1.1 A
	Maximum	2.2 A
Charge Time	Standard	3.0 hr
Discharge Current	Maximum*	2.5 A ($\leq 45^\circ\text{C}$) 1.5 A ($\leq 60^\circ\text{C}$)
Internal Resistance	AC (1 KHz)	65 m Ω (Max)
Ambient Temperature	Charge	0 $^\circ\text{C}$ to 45 $^\circ\text{C}$
	Discharge	-30 $^\circ\text{C}$ to 60 $^\circ\text{C}$
Energy Density	Gravimetric	193 Wh/kg
	Volumetric	478 Wh/l

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

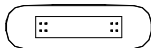
PHYSICAL CHARACTERISTICS



Shape Prismatic
Can Aluminum



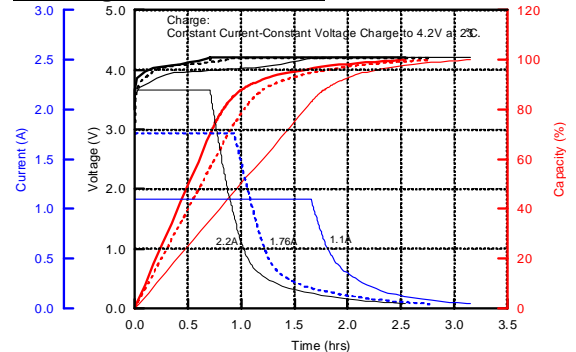
Dimension
Thickness (T) *10.8 mm (Max)
**11.5 mm (Max)
Width (W) 34 mm (Max)
Height (H) 50 mm (Max)
Tab Dimensions (Positive) 5 x 20 mm



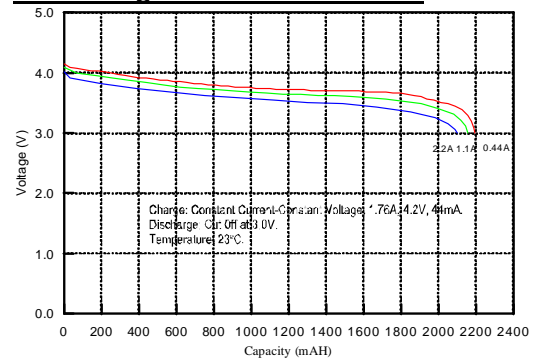
Weight 43.0 g (Max)
*Thickness at shipping state
**Thickness after 300 cycles

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.

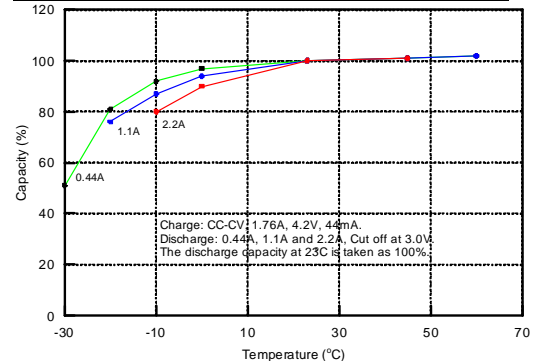
Charge Characteristics



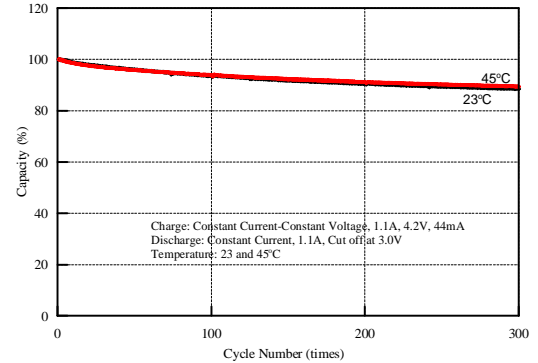
Discharge Rate Characteristics



Discharge Temperature Characteristic



Cycle Characteristics



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