



LITHIUM-ION RECHARGEABLE BATTERY

PRODUCT DATA SHEET

MODEL ICR-18650I

CELL CHARACTERISTICS

Capacity	Minimum	2200 mAh 8.0 Wh
Cell Voltage	Nominal	3.6 V
	Charge	4.2 V
	Discharge	2.0 V
Continuous Charge Current	Standard	2.5 A
	Maximum	5.0 A
Charge Time	Standard	1.5 hr
Continuous Discharge Current	Maximum	20 A
Internal Resistance	AC (1 KHz)	20 mΩ (Max)
Ambient Temperature	Charge	0°C to 60°C
	Discharge	-40°C to 60°C
Energy Density	Volumetric	520 Wh/l
	Gravimetric	205 Wh/kg

PHYSICAL CHARACTERISTICS

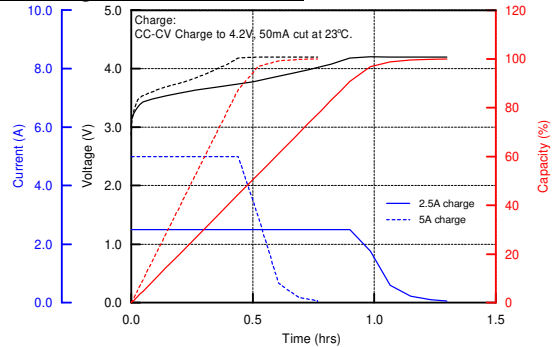


Shape	Cylindrical
Can	Steel
Diameter	18.6 mm (Max)
Height	65.2 mm (Max)
Weight	47 g (Max)

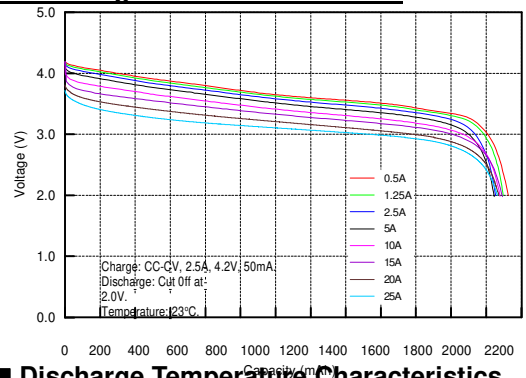
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For application specific information, please contact E-One Moli Energy Sales and Applications or the nearest MOLICEL® recognized agent.

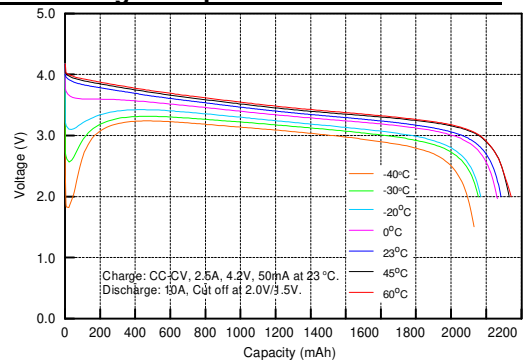
Charge Characteristics



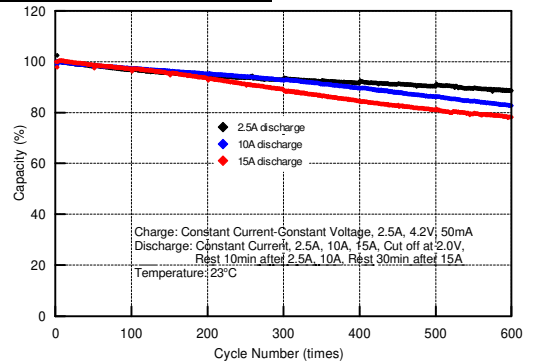
Discharge Rate Characteristics



Discharge Temperature Characteristics



Cycle Characteristics



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