



LITHIUM-ION RECHARGEABLE BATTERY

PRODUCT DATA SHEET MODEL **INR-18650-M30A**

■ CELL CHARACTERISTICS

Capacity	Typical	3000 mAh 10.8 Wh
	Minimum	2900 mAh 10.4 Wh
Cell Voltage	Nominal	3.6 V
	Charge	4.2 V
	Discharge	2.5 V
Charge Current	Standard	1.5 A
	Maximum	3.0 A
Charge Time	Standard	2.5 hrs
Discharge Current	Maximum	10 A
Internal Resistance	AC (1 KHz)	21 mΩ (Typ.)
Ambient Temperature	Charge	0°C to 60°C
	Discharge	-30°C to 60°C
Energy Density	Volumetric	632 Wh/l
	Gravimetric	234 Wh/kg

■ PHYSICAL CHARACTERISTICS

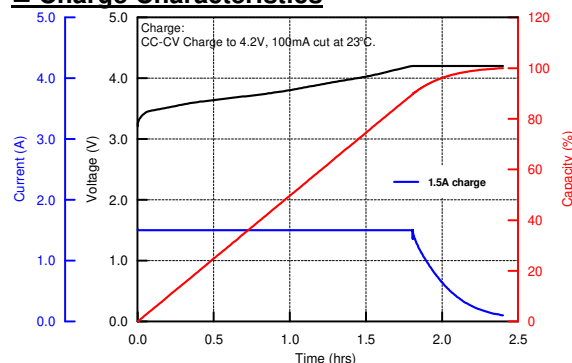


Shape	Cylindrical
Can	Steel
Diameter	18.6 mm (Max)
Height	65.2 mm (Max)
Weight	48 g (Max)

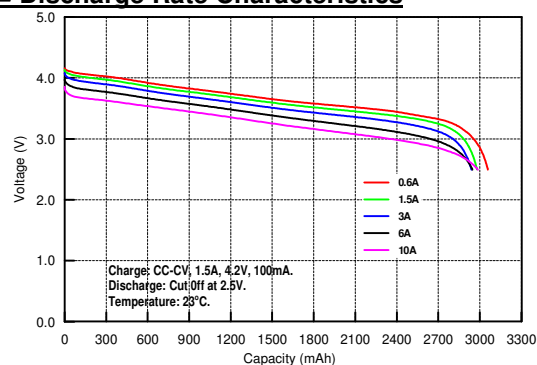
The information contained herein is for reference only and does not imply a performance guarantee or a product warranty. Specifications and characteristics are subject to change without prior notice.

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

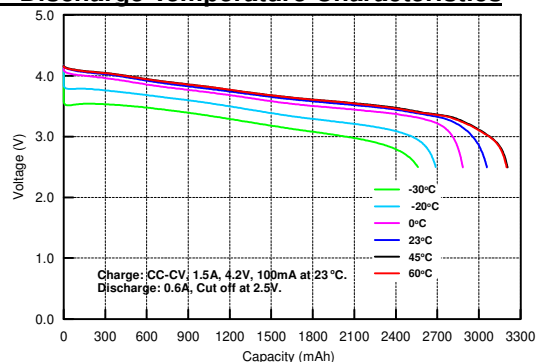
■ Charge Characteristics



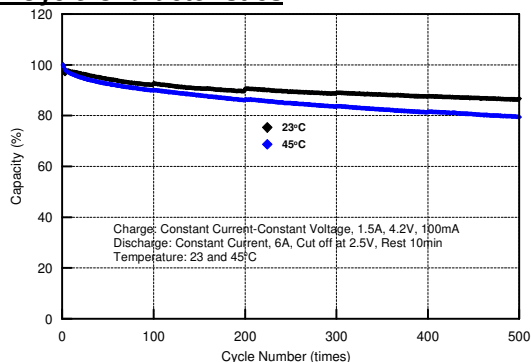
■ Discharge Rate Characteristics



■ Discharge Temperature Characteristics



■ Cycle Characteristics



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