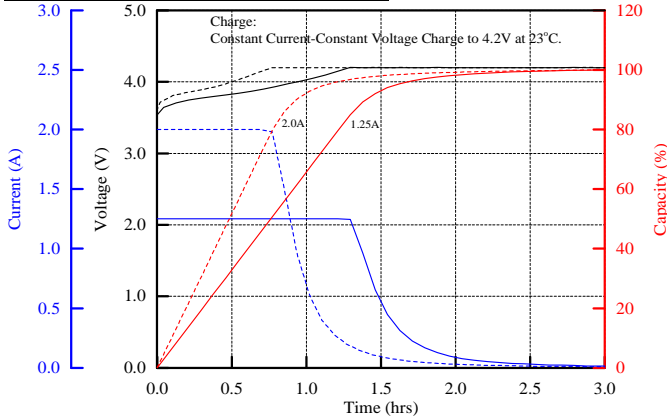


CELL SPECIFICATIONS

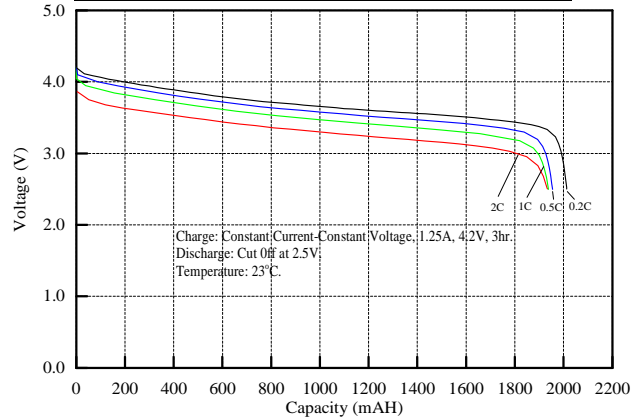
Shape / Can material		Cylindrical / Steel	
Typical Capacity		1950mAh	
Minimum Capacity		1850mAh	
Nominal Voltage		3.6V	
Charge Voltage		4.2V ± 0.05V	
Charge Current		Less than 2.0A	
Charge Time		3.0 hrs	
Discharging current (Max.)		4.0 A	
Discharge Cutoff Voltage		3.0V	
Temperature	Charge	0°C to 45°C	
	Discharge	-20°C to 60°C	
	Storage	<35°C	
Weight (Max.)		45g	
Dimensions	Diameter (D)	18.4mm (Max)	
	Height (H)	65.2mm (Max)	
Energy Density	Volumetric	415 Wh/l	
	Gravimetric	160 Wh/kg	

Note: The **IHR18650A** cylindrical cell consists of a lithium Nickel-Manganese-Cobalt oxide positive electrode and a graphitic carbon negative electrode providing 3.6volts and 1950mAh. This cell design requires pack control circuitry. Various protection circuit modules are available for applications of multiple series and parallel configurations. In order to ensure safe use of cell, be sure to consult with **E-One Moli Energy** regarding charging and discharging specifications and contact E-One Moli Energy in advance when designing a device with this cell.

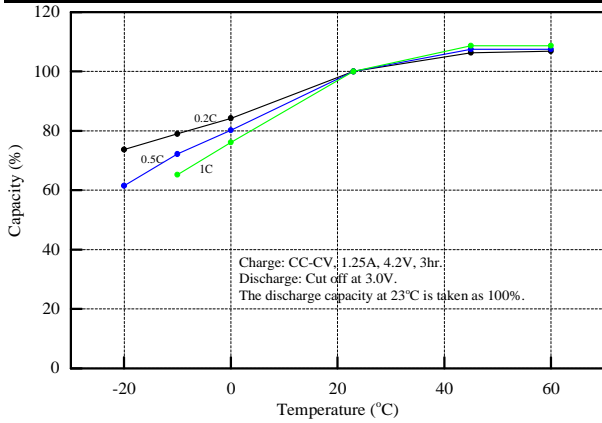
Charge Characteristics



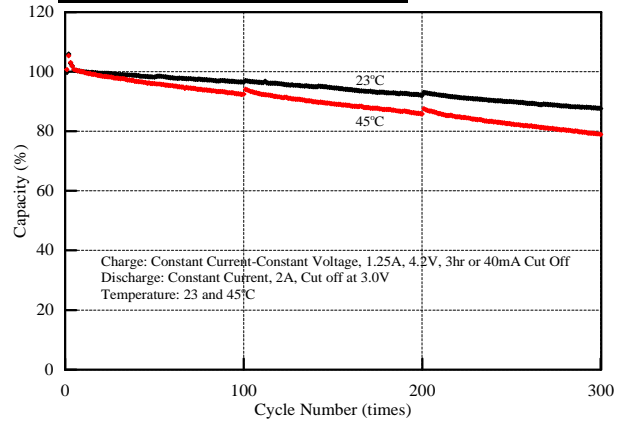
Discharge Rate Characteristics



Discharge Temperature Characteristics



Cycle Characteristics



Molicel IHR18650A Applications:

- * Notebook
- * HID handy flash
- * Medical devices
- * Electric Vehicle
- * Portable VCD/DVD player
- * Camcorder
- * UPS

E-ONE MOLI ENERGY CORP was established in 1998 by Koo's Group. Under the brand name Molicel, E-One Moli Energy is well-recognized as a leading Li-ion battery manufacturer. To serve world-wide customers, production sites are located in Vancouver, Canada and Southern Taiwan Science Park, Tainan, Taiwan. Each site is equipped with local Research & Development and Application Service Groups.

Safety and reliability are the main strengths of E-One Moli Energy products.

We strive to provide superior energy solutions with high performance and quality products that serve our customers' needs.

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