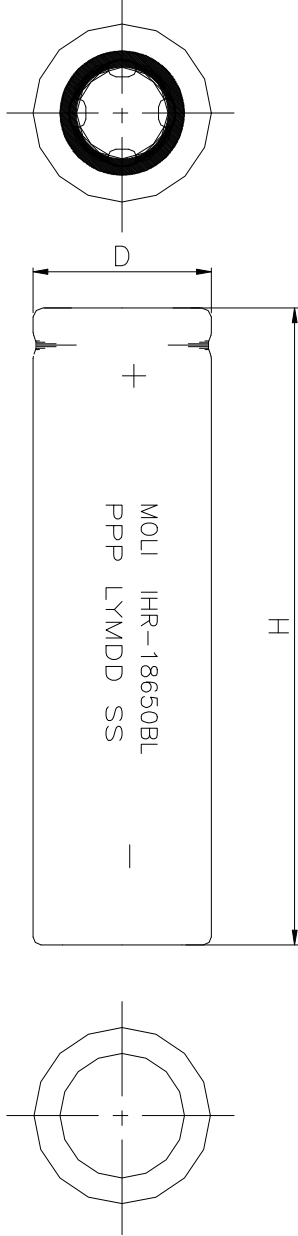
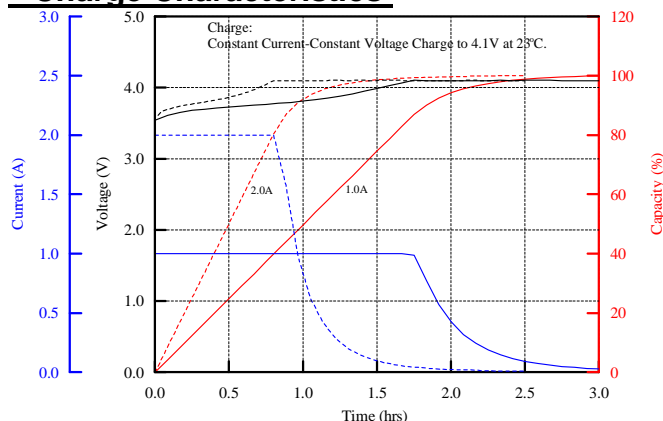


■CELL SPECIFICATIONS

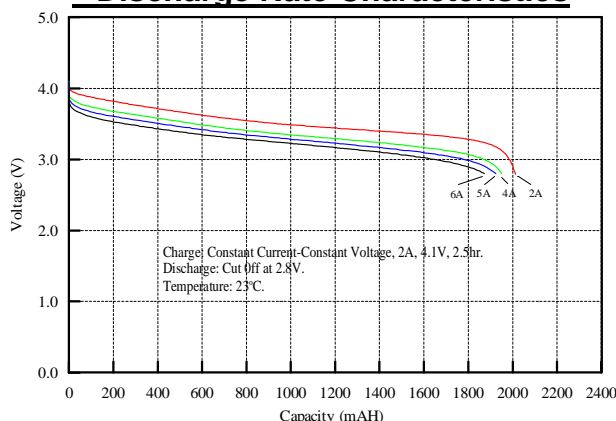
Shape / Can material	Cylindrical / Steel		
Typical Capacity	2000mAh		
Minimum Capacity	1950mAh		
Nominal Voltage	3.5V		
Charge Voltage	4.1V ± 0.05V		
Charge Current	Less than 2A		
Charge Time	3 hrs		
Max. Continuous Discharging Current	Less than 6A at 23°C		
	Less than 5A at 45°C		
Discharge Cutoff Voltage	2.8V		
Temperature	Charge	0°C to 45°C	
	Discharge	-20°C to 60°C	
	Storage	< 35°C	
Cycle Life at 23 °C	70% @2A, C800		
Weight (Max.)	47g		
Dimensions	Diameter (D)	18.4mm (Max)	
	Height (H)	65.2mm (Max)	
Energy	Volumetric	479 Wh/l	
Density	Gravimetric	176 Wh/kg	

Note: The **IHR18650BL** cylindrical cell consists of a lithium Nickel-Manganese-Cobalt oxide positive electrode and a graphitic carbon negative electrode providing 3.5volts and 2000mAh. 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.

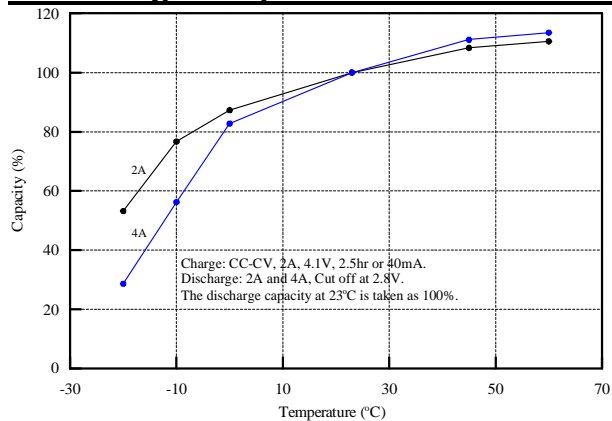
Charge Characteristics



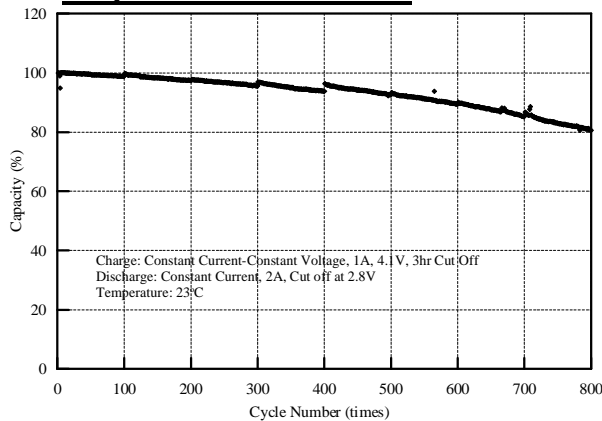
Discharge Rate Characteristics



Discharge Temperature Characteristics



Cycle Characteristics



- * Excellent storage performance.
- * Good thermal stability.

Molicel IHR18650BL Applications:

- * Light Electric Vehicle
- * E-Bike

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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