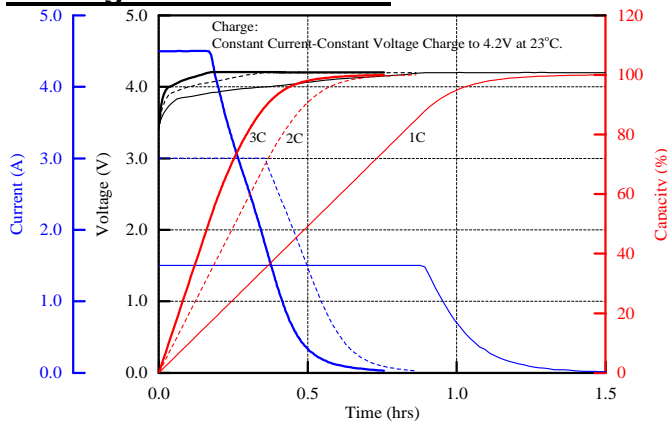


■ CELL SPECIFICATIONS

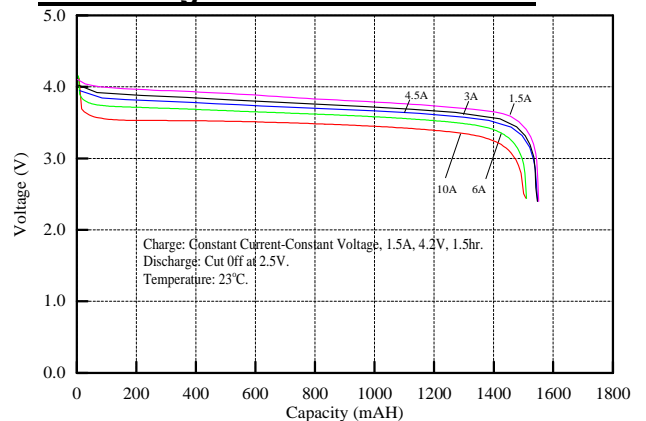
Shape / Can material		Cylindrical / Steel	
Typical Capacity		1530mAh	
Minimum Capacity		1450mAh	
Nominal Voltage		3.8V	
Charge Voltage		4.2V ± 0.05V	
Charge Current		Less than 4.5A	
Charge Time		1.5 hrs	
Discharging current (Max.)		10 A	
Discharge Cutoff Voltage		2.5V	
Temperature	Charge	0°C to 45°C	
	Discharge	-18°C to 60°C	
	Storage	<35°C	
Weight (Max.)		44.5g	
Dimensions	Diameter (D)	18.4mm (Max)	
	Height (H)	65.3mm (Max)	
Energy	Volumetric	344 Wh/l	
Density	Gravimetric	133 Wh/kg	

Note: The **IMR18650D** cylindrical cell consists of a lithium Manganese oxide positive electrode and a graphitic carbon negative electrode providing 3.8volts and 1530mAh. 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.

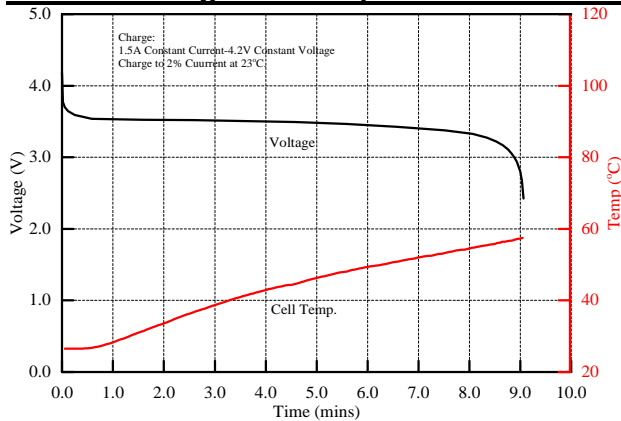
Charge Characteristics



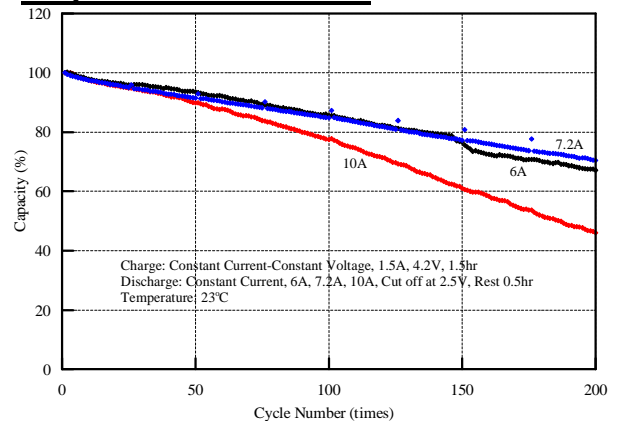
Discharge Rate Characteristics



10A Discharge and Temperature Characteristics



Cycle Characteristics



Molicel IMR18650D Applications:

- * Cordless screw driver
- * Cordless drill/driver
- * Cordless impact driver
- * Cordless tubing cutter
- * Cordless angle grinder
- * Cordless polisher/waxer
- * Power tool
- * Electrical vehicle

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.

Taiwan Plant
10 Dali 2nd Rd., Shan-Hwa,
Tainan County, Taiwan, R.O.C.
Tel: 886-6-505-0666
Fax: 886-6-505-0777
<http://www.molicel.com>

Canada Plant
20,000 Stewart Crescent
Maple Ridge, B.C., Canada, V2X 9E7
Tel: 1-604-466-6654
Fax: 1-604-466-6600
<http://www.molicel.com>

Headquarter
10F, 113, Sec.2, Zhung Shan N Rd.,
Taipei, Taiwan, R.O.C.
Tel: 886-2-2567-3500
Fax: 886-2-2567-6500

Agency: