



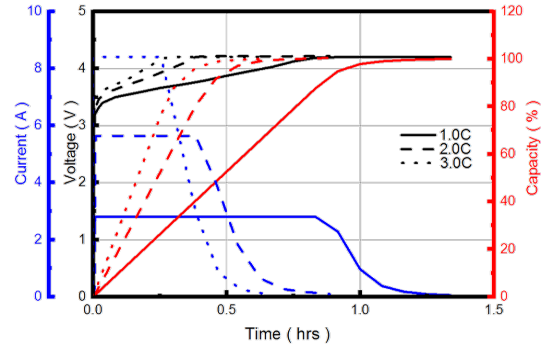
**LITHIUM-ION RECHARGEABLE BATTERY**

**PRODUCT DATA SHEET**  
**MODEL INR-18650-P28B**

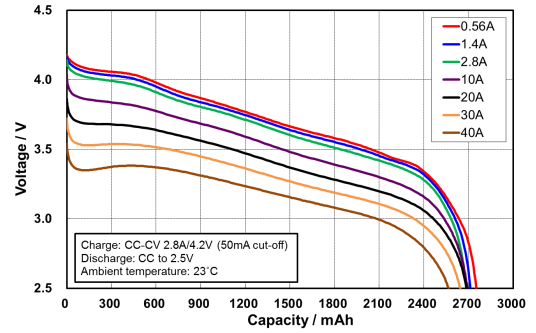
**CELL CHARACTERISTICS**

Capacity	Typical	2800 mAh
	Minimum	2650 mAh
Cell Voltage	Nominal	3.6 V
	Charge	4.2 V
Charge Current	Standard	2.8 A
	Maximum	8.4 A
Charge Time	Standard	1.5 hr
	Continuous	40 A
Temperature	Charge	0°C to 60°C
	Discharge	-40°C to 60°C
Energy Density	Volumetric	589 Wh/l
	Gravimetric	222 Wh/kg
Typical Impedance	AC (30%SOC)	9 mΩ
	DC (50%SOC)	21 mΩ

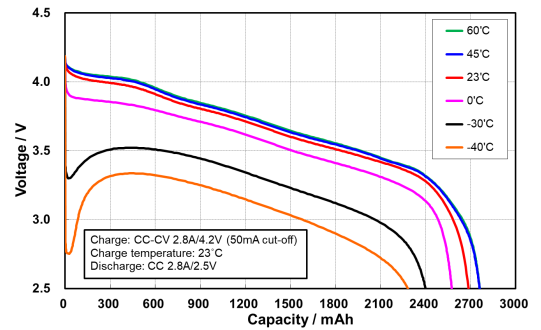
**Charge Characteristics**



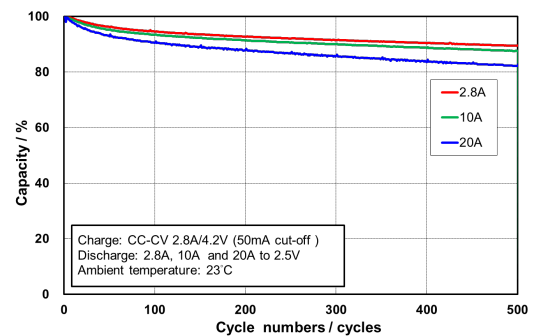
**Discharge Rate Characteristics**



**Discharge Temperature Characteristics**



**Cycle Characteristics**



**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.

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