



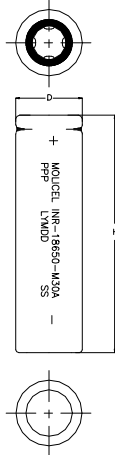
**LITHIUM-ION RECHARGEABLE BATTERY**

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

**CELL CHARACTERISTICS**

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

**PHYSICAL CHARACTERISTICS**

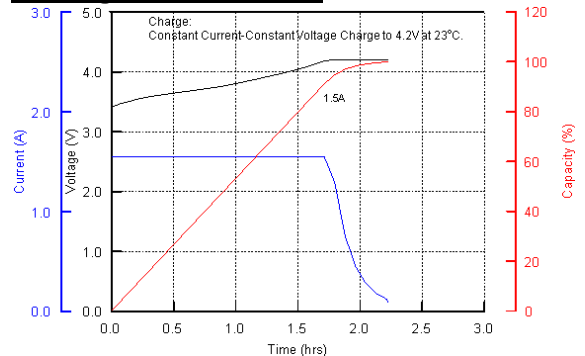


<b>Shape</b>	<b>Cylindrical</b>
<b>Can</b>	<b>Steel</b>
<b>Diameter</b>	<b>18.6 mm (Max)</b>
<b>Height</b>	<b>65.2 mm (Max)</b>
<b>Weight</b>	<b>46 g (Typ.)</b>

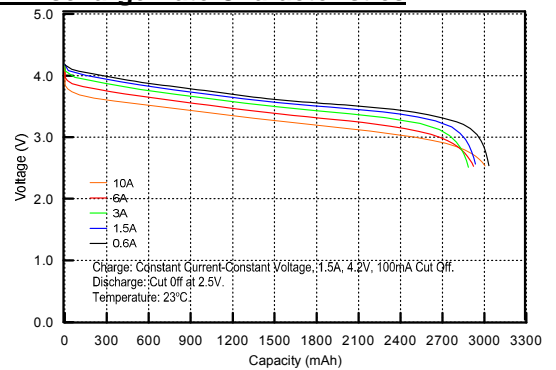
The information contained herein is for reference only and does not imply a performance guarantee or a product warranty. Specifications and characteristics are subject to change without prior notice.

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

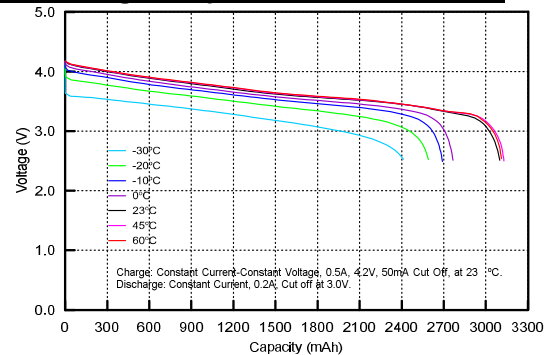
**Charge Characteristics**



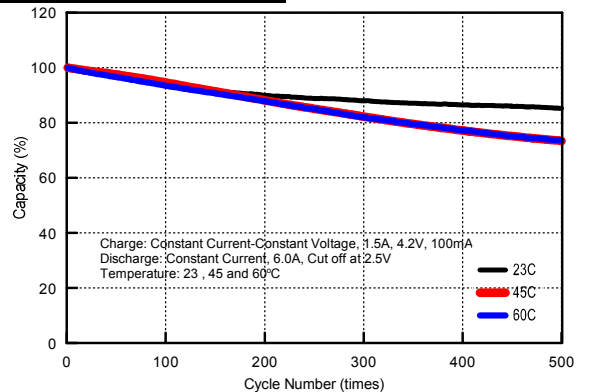
**Discharge Rate Characteristics**



**Discharge Temperature Characteristics**



**Cycle Characteristics**



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