



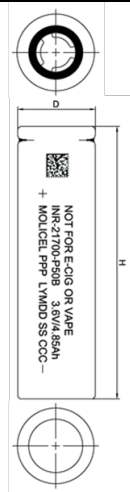
## LITHIUM-ION RECHARGEABLE BATTERY

## PRODUCT DATA SHEET MODEL **INR-21700-P50B**

### ■ CELL CHARACTERISTICS

|                                     |             |                     |
|-------------------------------------|-------------|---------------------|
| Capacity                            | Typical     | 5000 mAh<br>18.0 Wh |
|                                     | Minimum     | 4850 mAh<br>17.5 Wh |
| Cell Voltage                        | Nominal     | 3.6 V               |
|                                     | Charge      | 4.2 V               |
|                                     | Discharge   | 2.5 V               |
| Charge Current<br>(70°C cut-off)    | Standard    | 5.0 A               |
|                                     | Maximum     | 25 A                |
| Charge Time                         | Standard    | 1.5 hr              |
| Discharge Current<br>(80°C cut-off) | Continuous  | 60 A                |
|                                     |             |                     |
| Ambient Temperature                 | Charge      | -20°C to 60°C       |
|                                     | Discharge   | -40°C to 60°C       |
| Energy Density                      | Volumetric  | 714 Wh/l            |
|                                     | Gravimetric | 260 Wh/kg           |
| Typical Impedance                   | AC (30%SOC) | 6.5 mΩ              |
|                                     | DC (50%SOC) | 12.8 mΩ             |

### ■ PHYSICAL CHARACTERISTICS

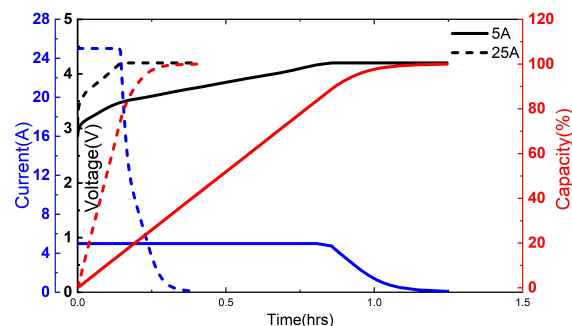


|          |                |
|----------|----------------|
| Shape    | Cylindrical    |
| Can      | Steel          |
| Diameter | 21.55 mm (Max) |
| Height   | 70.15 mm (Max) |
| Weight   | 71 g (Max)     |

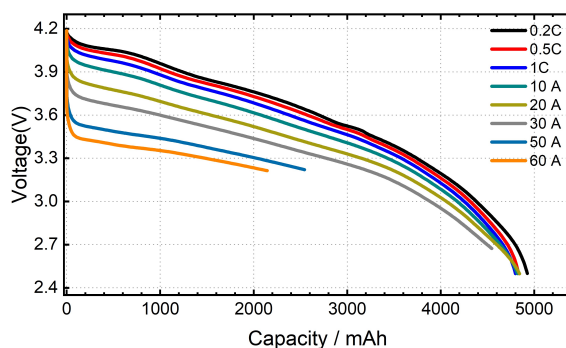
The information contained herein is for reference only and does not imply a performance guarantee or a product warranty. Specifications and characteristics are subject to change without prior notice. This product is not designed or produced for use in any vape or e-cigarette devices.

For application specific information, please contact E-One Moli Energy Sales and Applications or the nearest MOLICEL® recognized agent.  
Version 1.1

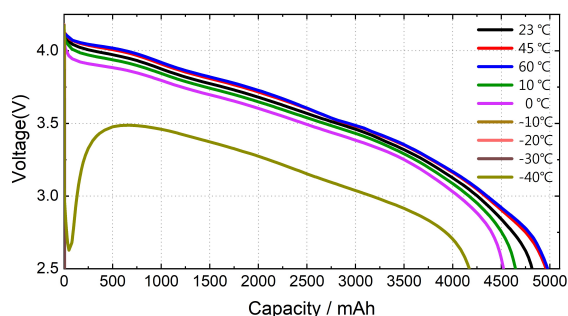
### ■ Charge Characteristics



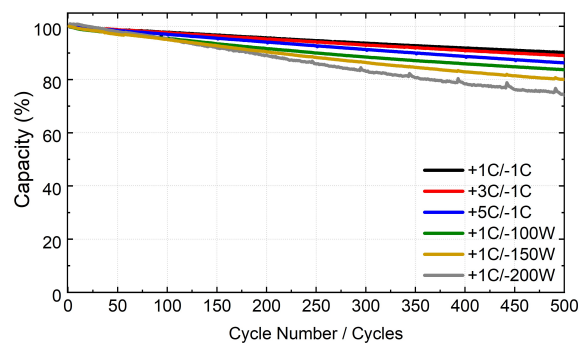
### ■ Discharge Rate Characteristics



### ■ Discharge Temperature Characteristics



### ■ Cycle Characteristics



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