



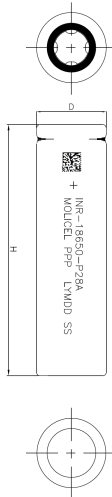
LITHIUM-ION RECHARGEABLE BATTERY

PRODUCT DATA SHEET
MODEL INR-18650-P28A

CELL CHARACTERISTICS

| | | |
|---------------------|---------------------|---------------------|
| Capacity | Typical | 2800 mAh 10.3 Wh |
| | Minimum | 2600 mAh 9.56 Wh |
| Cell Voltage | Nominal | 3.6 V |
| | Charge Discharge | 4.2 V 2.5 V |
| Charge Current | Standard | 2.8 A |
| | Maximum | 6.0 A |
| Charge Time | Standard | 1.5 hr |
| Discharge Current | Maximum | 35 A |
| Internal Resistance | AC (1 KHz) | 20 mΩ (Max) |
| | DC (10A/1s) | 20 mΩ |
| Ambient Temperature | Charge | 0°C to 60°C |
| | Discharge | -40°C to 60°C |
| Energy Density | Volumetric | 610 Wh/l |
| | Gravimetric | 220 Wh/kg |

PHYSICAL CHARACTERISTICS

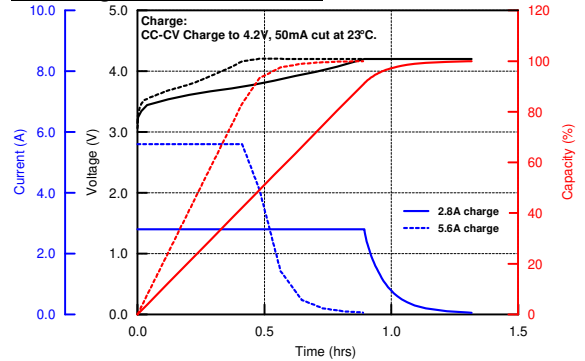


| | |
|----------|----------------|
| Shape | Cylindrical |
| Can | Steel |
| Diameter | 18.6 mm (Max) |
| Height | 65.2 mm (Max) |
| Weight | 46 g (Typical) |

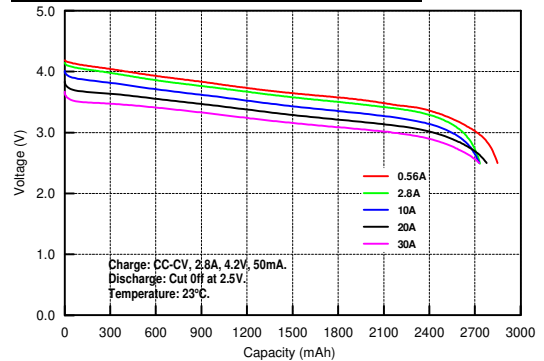
The information contained herein is for reference only and does not imply a performance guarantee or a product warranty. Specifications and characteristics are subject to change without prior notice.

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

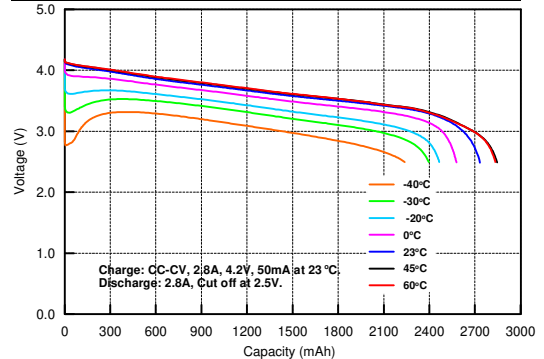
Charge Characteristics



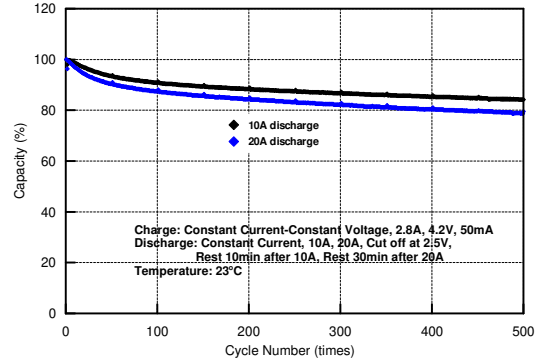
Discharge Rate Characteristics



Discharge Temperature Characteristics



Cycle Characteristics



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