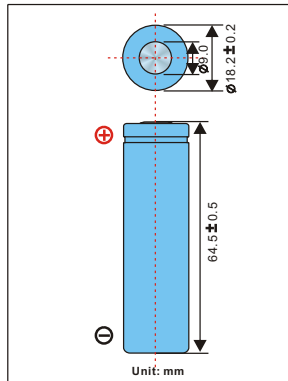


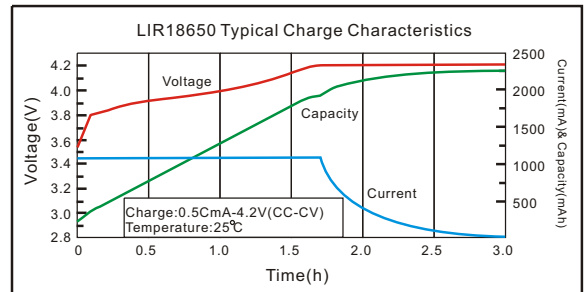
LIR18650 Lithium Ion Battery

Brief Datasheet

1 Dimension

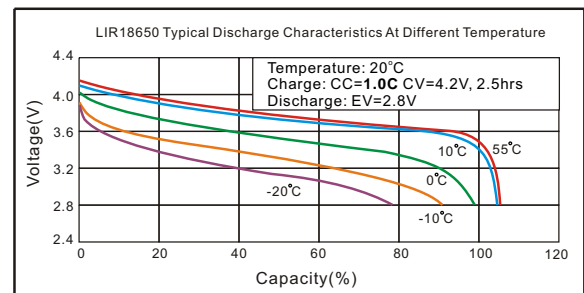
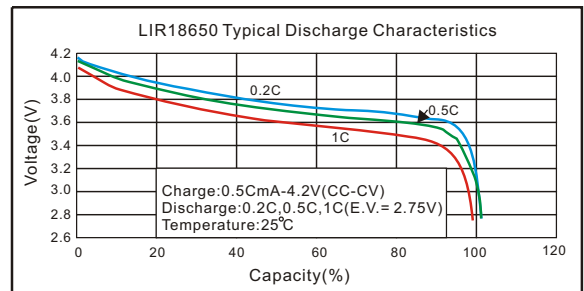


3 Electrical Characteristics



2 Basic Specification

| | | |
|---------------------------|-------------|---|
| Nominal Voltage | | 3.7V |
| Nominal Capacity | Typical | 2100mAh (0.2C discharge) |
| | Minimum | 2050mAh (0.2C discharge) |
| Charge method | | CC/CV (Constant Current-Constant Voltage) current: 0.5C Voltage: 4.2V End current: 20mA |
| Charging Voltage | | 4.20V \pm 0.05V |
| Charging Std. Current | | 1050mA |
| Max Current | Charge | 1680mA |
| | Discharge | 2C |
| Ambient Temperature | Std. Charge | -20°C to 45°C |
| | Discharge | -20°C to 60°C |
| | Storage | -5°C to 35°C |
| Discharge cut-off voltage | | 2.75V |
| Internal Impedance | | <80m Ω |
| Cycle life | | >300cycles (\geq 80% capacity) |
| Nominal Weight | | Approx. 45g |



Note: *1C = 1 Capacity

Note: Any representations in this brochure concerning performance, are for informational purposes only and are not construed as warranties either expressed or implied, of future performance.

Autec Battery LTD.
 Add : 667 E. Cochran St. Simi Valley, CA 93065
 Tel: 805-522-0888 Fax: 805-522-8777
 E-mail : battery@autec.com Website: www.autecbattery.com

Li-ion