



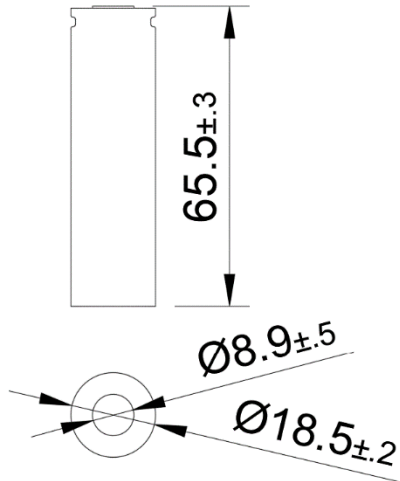
# 200226 Datasheet- Battery Cell LTO 2,4V 1500mAh

## 1. Specifications

| <b>Property</b>                   | <b>Value</b>  |
|-----------------------------------|---|
| Weight                            | ≤ 45g   |
| Nominal Capacity                  | 1500mAh @ 1C (1500mA)   |
| Nominal Voltage                   | 2.4V  |
| Nominal Energy                    | 3.6Wh   |
| Energy Density                    | 80 Wh/kg  |
| Resistance                        | ≤15mΩ(AC, 1000Hz)   |
| Cycle life(80% DOD)               | ≥ 12.000 cycles   |
| Charging cut-off voltage          | 2.7V  |
| Discharging cut-off voltage       | 1.5V  |
| Standard charging current         | 1C(1500mA)  |
| Standard discharging current      | 1C(1500mA)  |
| Max. constant charging current    | 3C(4500mA)  |
| Max. constant discharging current | 5C(7500mA)  |
| Max. charging current             | 5C(7500mA)  |
| Max. discharging current          | 8C(12000mA)   |
| Temperature range for storage     | Less than one year: -10~25°C<br>Less than three months: -30~45°C    |
| Temperature range for operation   | Charging temperature: -40~60°C<br>Discharging Temperature: -50~60°C |



## 2. Dimensions



|         |    |             |            |              |            |              |
|---------|----|-------------|------------|--------------|------------|--------------|
| Index   | 00 | Checked by: | AA         | Released by: | JC         | Page: 2 of 2 |
| Editor: | TA | Date:       | 06.05.2024 | Date:        | 07.05.2024 |              |