### NCR18650PF Specification

<table>
<thead>
<tr>
<th><strong>Rated capacity</strong>&lt;sup&gt;(1)&lt;/sup&gt;</th>
<th>Min. 2700mAh</th>
</tr>
</thead>
</table>
| **Nominal capacity**<sup>(2)</sup> | Min. 2750mAh  
Typ. 2900mAh |
| **Nominal voltage** | 3.6V |
| **Charging** | CC-CV, Std. 1365mA, 4.2V, 4.0 hrs |
| **Weight (max.)** | 47.0g |
| **Temperature** | Charge: +10 to +45°C  
Discharge: -20 to +60°C  
Storage: -20 to +50°C |
| **Energy density** | Volumetric: 577 Wh/l  
Gravimetric: 207 Wh/kg |

<sup>(1)</sup> At 20°C  
<sup>(2)</sup> At 25°C  
<sup>(3)</sup> Energy density is calculated using bare cell dimensions (without tube).

---

**Dimensions**

- Max. 18.5 mm
- 9.0 mm
- Max. 65.3 mm

*With tube

When designing a pack, refer to the cell’s mechanical drawing for precise dimensions.
NCR18650PF Discharge characteristics

Charge: CC-CV: 1.365A-4.2V (55mA cut) at 25°C
Discharge: CC: 2A, 1ItA, 4A, 5A, 6A, 8A, 10A to 2.5V at 25°C
NCR18650PF Discharge characteristics

Charge: CC-CV: 1.365A-4.2V (55mA cut) at 25°C
Discharge: CC: 4A to 2.5V at 25°C, 0°C, -5°C, -10°C, -20°C, 40°C, 60°C
NCR18650PF Cycle life characteristics

4A discharge cycle test

Charge: CC-CV: 1.365A-4.2V (55mA cut) at 25°C
Discharge: CC: 4A to 2.5V at 25°C

Charge and discharge characteristics graph showing the capacity (mAh) over the number of cycles.