

## BP18650 Rechargeable C Battery

Specifications	
Model	BP18650
Nominal voltage	3.6V
Nominal capacity	3500mAh
Minimum Capacity	3300mAh
Combination	One-piece design
Additional Feature	Type-C charge
Storage Temperature	( 1 month ) -20°C~50°C
Max. Continuous Discharge Current	10A
Internal Resistance	$\leq 40\text{m}\Omega$
Weight	55g
Shipment Voltage	$>3.5\text{V}$
Operating environment	Charging temperature: 0°C~45°C Discharge temperature: -20°C~60°

### Features and Benefits

1. High-Capacity 18650: Industry-standard cylindrical form factor (18.85mm x 70.8mm) with a high 3.6V, 3500mAh capacity.
2. High-Rate Discharge Performance: Supports continuous discharge up to 10A and peak currents up to 15A.
3. Fast Type-C Charging: Features a built-in Type-C port for rapid USB charging (5V, 1.3-2A).
4. Robust Protection Circuit (PCM): Includes auto-reset safeguards for overcharge, over-discharge, and very high overcurrent (17-28A).
5. Ultra-Low Internal Resistance:  $\leq 40\text{m}\Omega$  ensures excellent efficiency and minimal power loss under high load.



**Dimensional**



**H: 70.8mm**  
**D: 18.85mm**  
**H1: 0.8mm**  
**D1: 6mm**