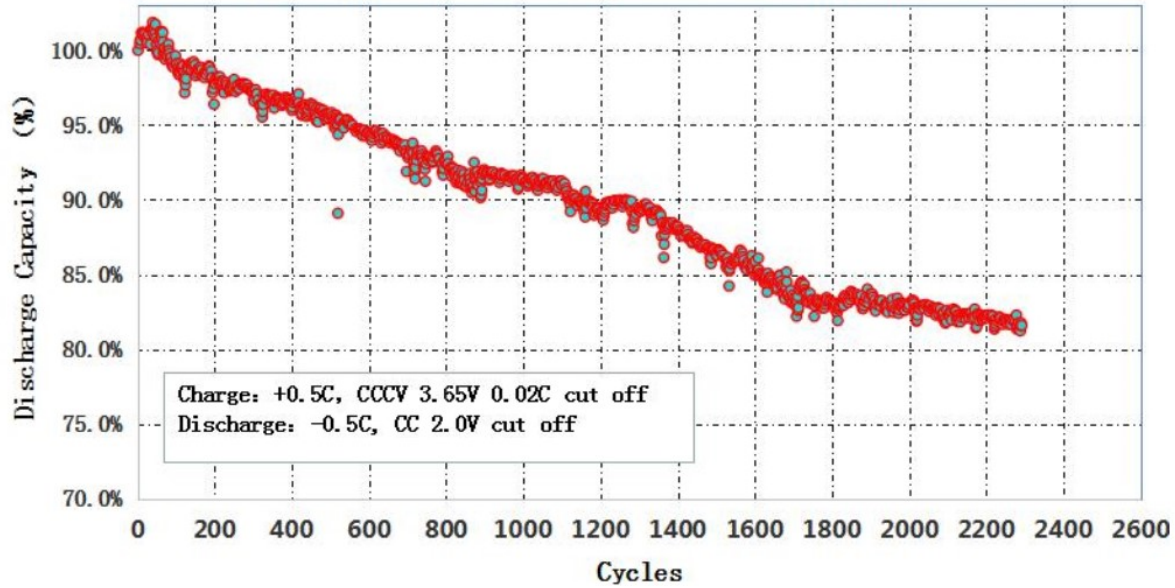


Cell specification: LFP-18650-2000

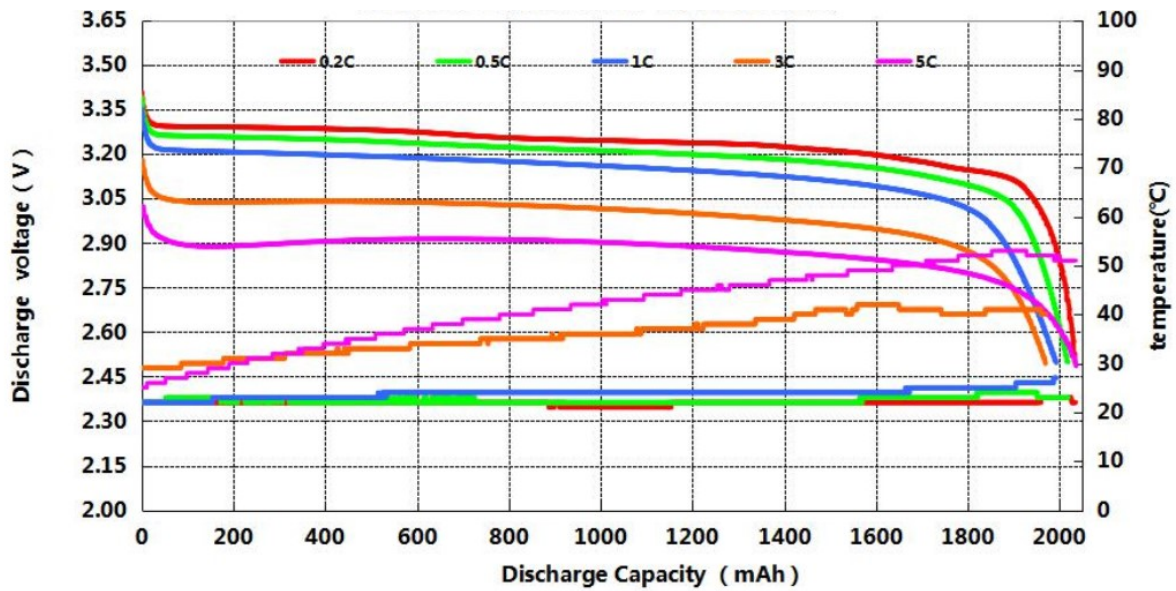
ITEM		SPECIFICATION
Normal capacity		2000 mAh@0.5C
Minimum capacity		1950 mAh@0.5C
Normal voltage		3.2V
Charge voltage		3.65 ±0.05 V
Discharge ending voltage		2.0±0.05 V
Charge current	Standard	0.5C (1000 mA)
	Max	1C/2000mA (25±3°C) not for cycle life
Discharge current	Standard	0.5C (1000 mA)
	Max. Continuous	3C/6000mA (25±3°C) not for cycle life
Cycle Life		>2000 Cycles @ 100% DOD >3000 Cycles @ 80% DOD >5000 Cycles @ 50% DOD
Operating Temperature		Charge: 0~45°C Discharge: -10~60°C
Maximum short term allowable charge and discharge cell body temperature. Charging and discharging at these conditions will shorten cell cycle life.		Charge: 60°C Discharge: 70°C
Storage Temperature		-20 to 45°C Short-Term Storage (< 3 months)
Internal resistance		≤40mΩ (AC Impedance, 1000Hz)
Cell dimensions		Height: 65.2±0.2mm Diameter: 18.2±0.2mm
Weight		45g

Performance Characteristics

Cycle Life Curve



Discharge Rate / Capacity / Temperature



Capacity Curve

