

Manufacturer	Panasonic
Place of Origin	Wuxi, China
Production Date	8-Oct-18

**Panasonic NCR18650BD**



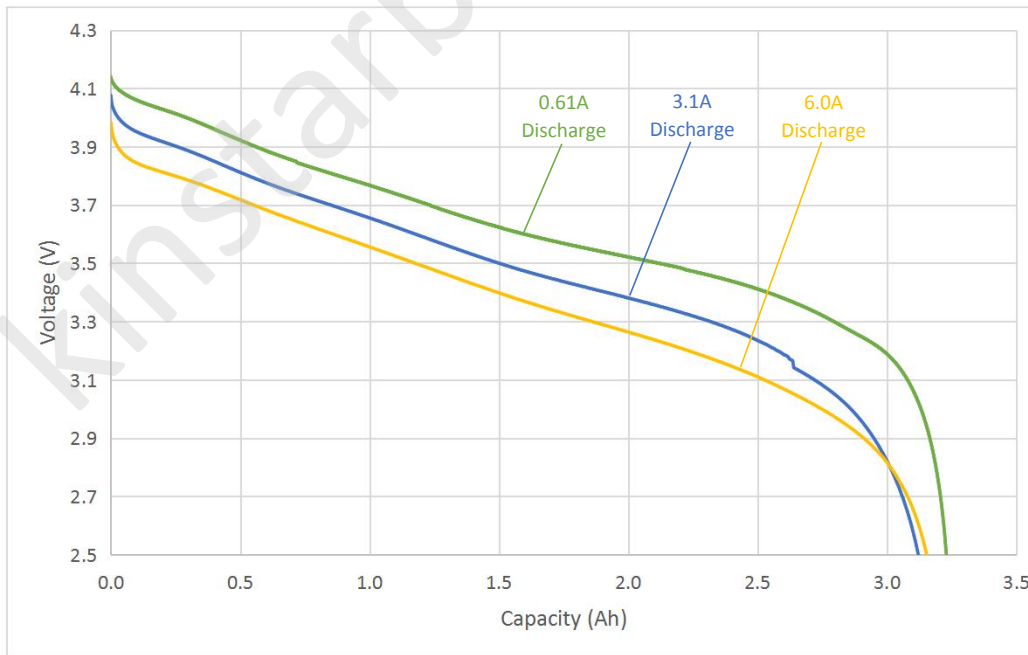
**Cell Specifications**

Rated Capacity	3000mAh
Typical Capacity	3180mAh
Minimum Capacity	3080mAh
Nominal Voltage	3.6V
Typical Energy Content	11.45Wh
Charge Voltage	4.20 ± 0.03V
Standard Charge Current	900mA
Charging Time	8.0 hours
Max. Continuous Discharge Current	10A
Discharge Cut-off Voltage	2.5V
Internal Resistance	Less than 35mΩ
Cell Weight (Max. )	Less than 49g
Cell Dimension	Diameter: ≤18.5mm Height: ≤65.3mm
Operating Temperature	Charge: 10°C to 45°C Discharge: -20°C to 60°C
Storage Temperature	1 month: -20°C to 50°C 3 months: -20°C to 40°C

Testing Date	14-Nov-18
Testing Equipment	Neware CT-4008
Ambient Temperature	25 ± 2°C

Test	Condition	Test Result
Weight	g	47.2
Diameter	mm	18.15
Height	mm	65.1
AC Resistance	mΩ	21.9
0.61A Discharge To	2.75V	3198mAh
	2.50V	3229mAh
3.1A Discharge To	2.75V	3035mAh
	2.50V	3120mAh
6.0A Discharge To	2.75V	3050mAh
	2.50V	3153mAh

**Capacity versus current at +28°C**



Preliminary specifications, performance may vary depending on use conditions and application.  
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