

Manufacturer	Panasonic
Place of Origin	Japan
Production Date	30-Jan-15

Panasonic NCR18650BD



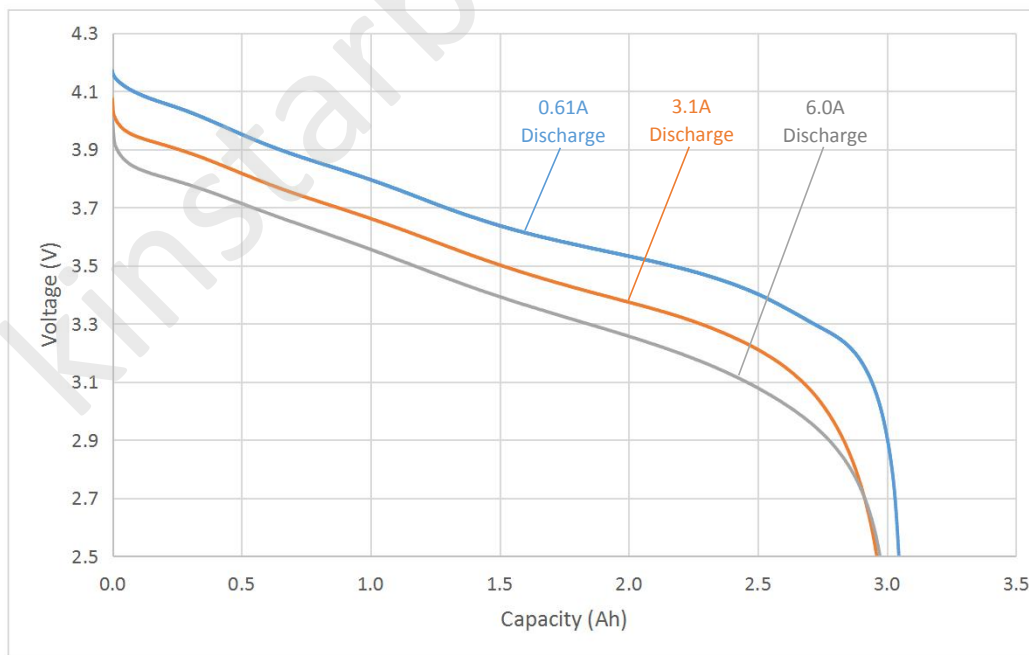
Cell Specifications

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	16-Oct-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	21.7
0.61A Discharge To	2.75V	3025mAh
	2.50V	3046mAh
3.1A Discharge To	2.75V	2895mAh
	2.50V	2960mAh
6.0A Discharge To	2.75V	2890mAh
	2.50V	2973mAh

Capacity versus current at +28°C



This cell has been stored in warehouse for 38 months(08.2015 - 10.2018) without charging or discharging. Preliminary specifications, performance may vary depending on use conditions and application.

KinStar makes no warranty explicit or implied with this testing report. Contents subject to change without notice.

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