

Manufacturer	Samsung SDI
Place of Origin	Korea
Production Date	01-Aug-15

Samsung INR18650-25R



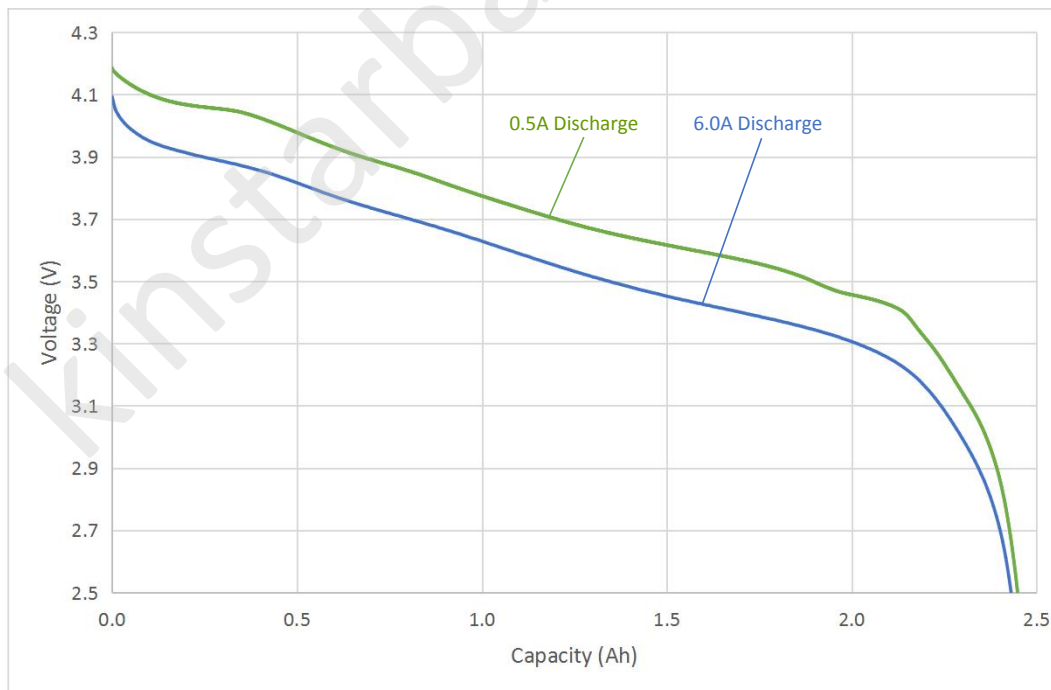
Cell Specifications

Nominal Capacity	2500mAh
Rated Capacity	2500mAh
Minimum Capacity	2500mAh
Nominal Voltage	3.6V
Nominal Energy Content	9.0Wh
Charge Voltage	4.20 ± 0.05V
Standard Charge Current	1250mA
Rapid Charge Current	4000mA
Max. Continuous Discharge Current	20A
Discharge Cut-off Voltage	2.5V
Cell Weight (Max.)	45g
Cell Dimension	Diameter: 18.33mm Height: 65mm
Operating Temperature	Charge: 0°C to 50°C Discharge: -20°C to 75°C
Storage Temperature	1 month: -30°C to 60°C 3 months: -30°C to 45°C

Testing Date	4-Oct-18
Testing Equipment	Neware CT-4008
Ambient Temperature	28 ± 2°C

Test	Condition	Test Result
Weight	g	44.9
Diameter	mm	18.2
Height	mm	65
AC Resistance	mΩ	13.2
0.5A Discharge To	2.75V	2419mAh
	2.50V	2448mAh
6.0A Discharge To	2.75V	2391mAh
	2.50V	2430mAh

Capacity versus current at +28°C



This cell has been stored in warehouse for 30 months(04.2016 - 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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