

Manufacturer	Samsung SDI
Place of Origin	Malaysia
Production Date	25-Aug-18

Cell Specifications

Nominal Capacity	3000mAh
Rated Capacity	3000mAh
Minimum Capacity	3000mAh
Nominal Voltage	3.6V
Nominal Energy Content	10.8Wh
Charge Voltage	4.20 ± 0.05V
Standard Charge Current	1500mA
Rapid Charge Current	4000mA
Max. Continuous Discharge Current	15A
Discharge Cut-off Voltage	2.5V
Cell Weight (Max.)	48g
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

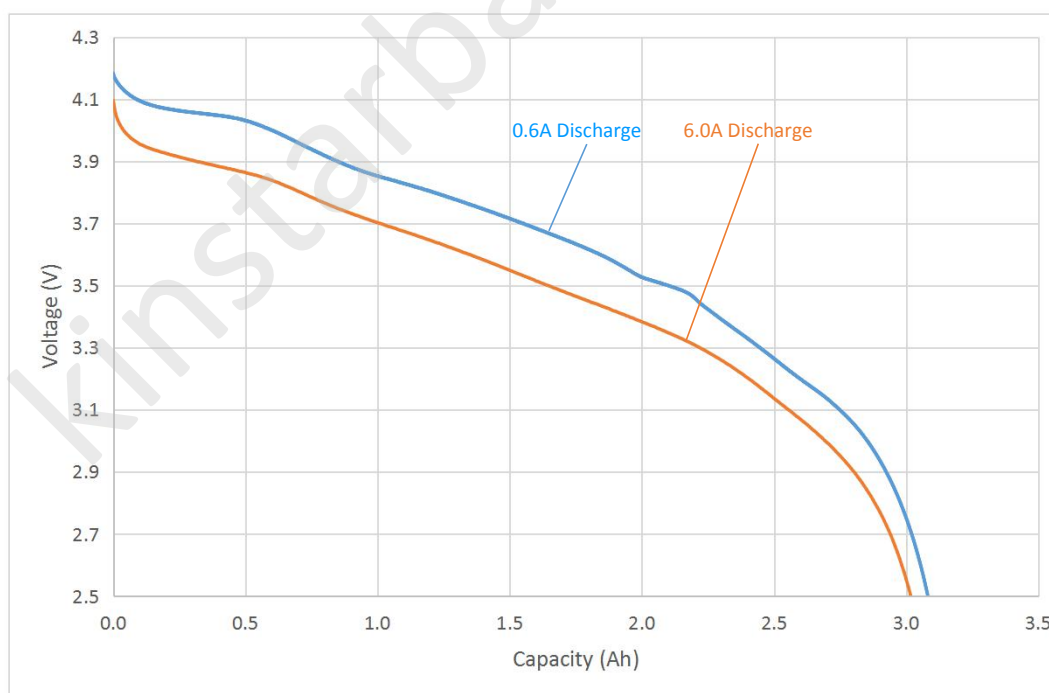
Samsung INR18650-30Q M



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

Test	Condition	Test Result
Weight	g	45.9
Diameter	mm	18.2
Height	mm	65
AC Resistance	mΩ	12.1
0.6A Discharge To	2.75V	3000mAh
	2.50V	3081mAh
6.0A Discharge To	2.75V	2916mAh
	2.50V	3017mAh

Capacity versus current at +28°C



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.

Doc. No.: KST-30Q-18J24