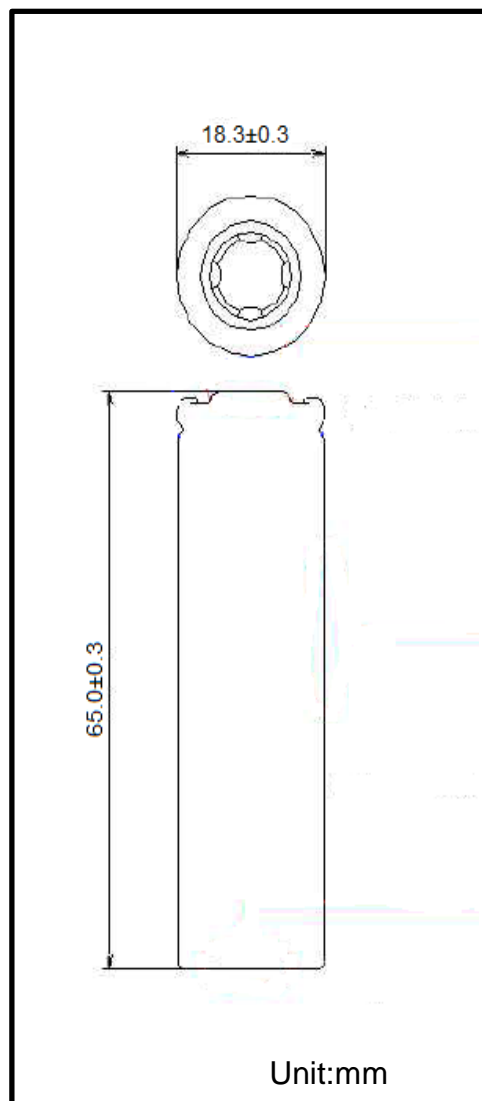


Cell Type : IMR18650-25

Specification

Typical Capacity:	Typ.2550mAh	
Nominal Capacity:	Min.2500mAh	
Nominal Voltage:	3.7V	
Standard Charging :	CC-CV, 1.25A, 4.2V±0.05, 50mA cut-off	
Rapid Charging :	CC-CV, 4A, 4.2V±0.05, 50mA cut-off	
Charging Time:	Standard Charging:3 hours/50mA cut-off	
	Rapid Charging:2 hours/50mA cut-off	
Max.Discharge current:	35A	
Max.Pulse Discharge:	50A	
Discharge cut-off voltage:	2.5V	
Initial Internal Impedance	Max.20mΩ	
Cell weight:	Max. 48.0g	
Ambient Temperature	Charge	0~50℃
	Discharge	-20~70℃
	Storage	-20~35℃
Cell Dimensions	Height	65.0±0.30 mm
	Diameter	18.3±0.30 mm

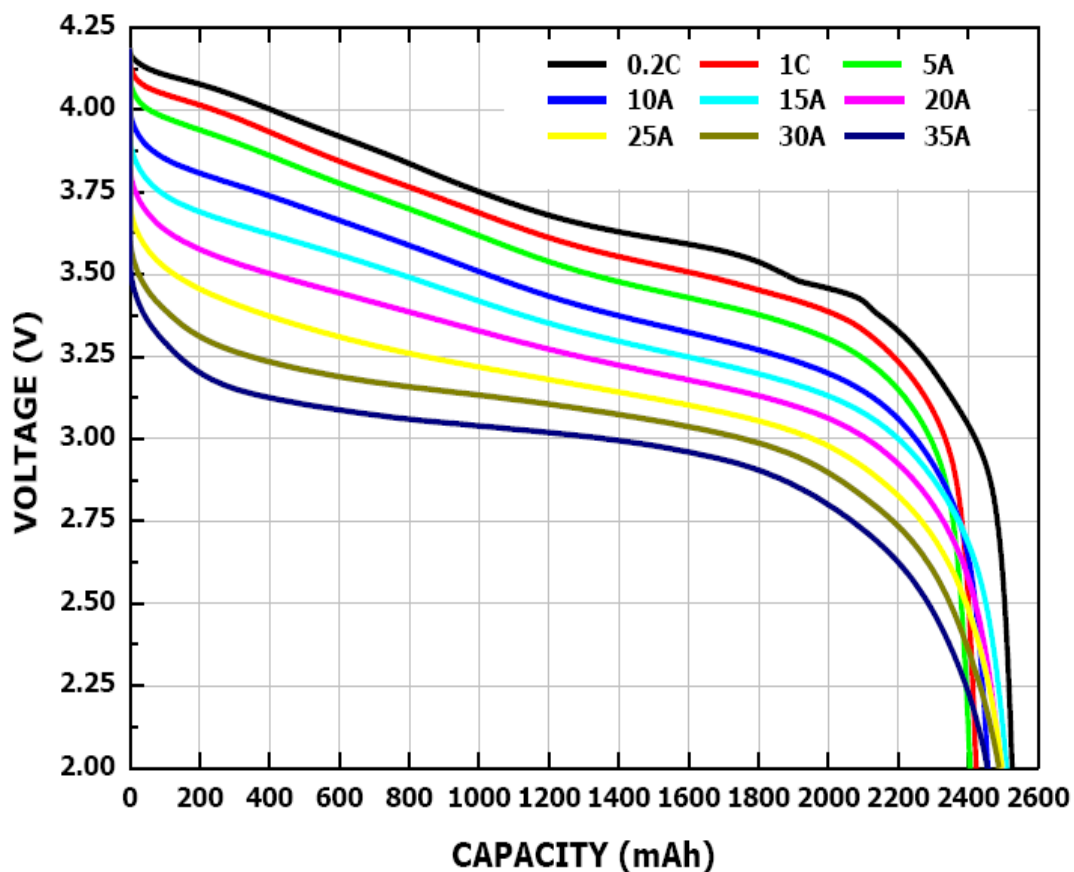


Discharge Characteristics-Capacity

Ambient Temperature: 23°C

Test Method: Charge CC-CV: 0.5C charge to 4.2V, 50mA Cut-off

Discharge CC: 2.0V Cut-off



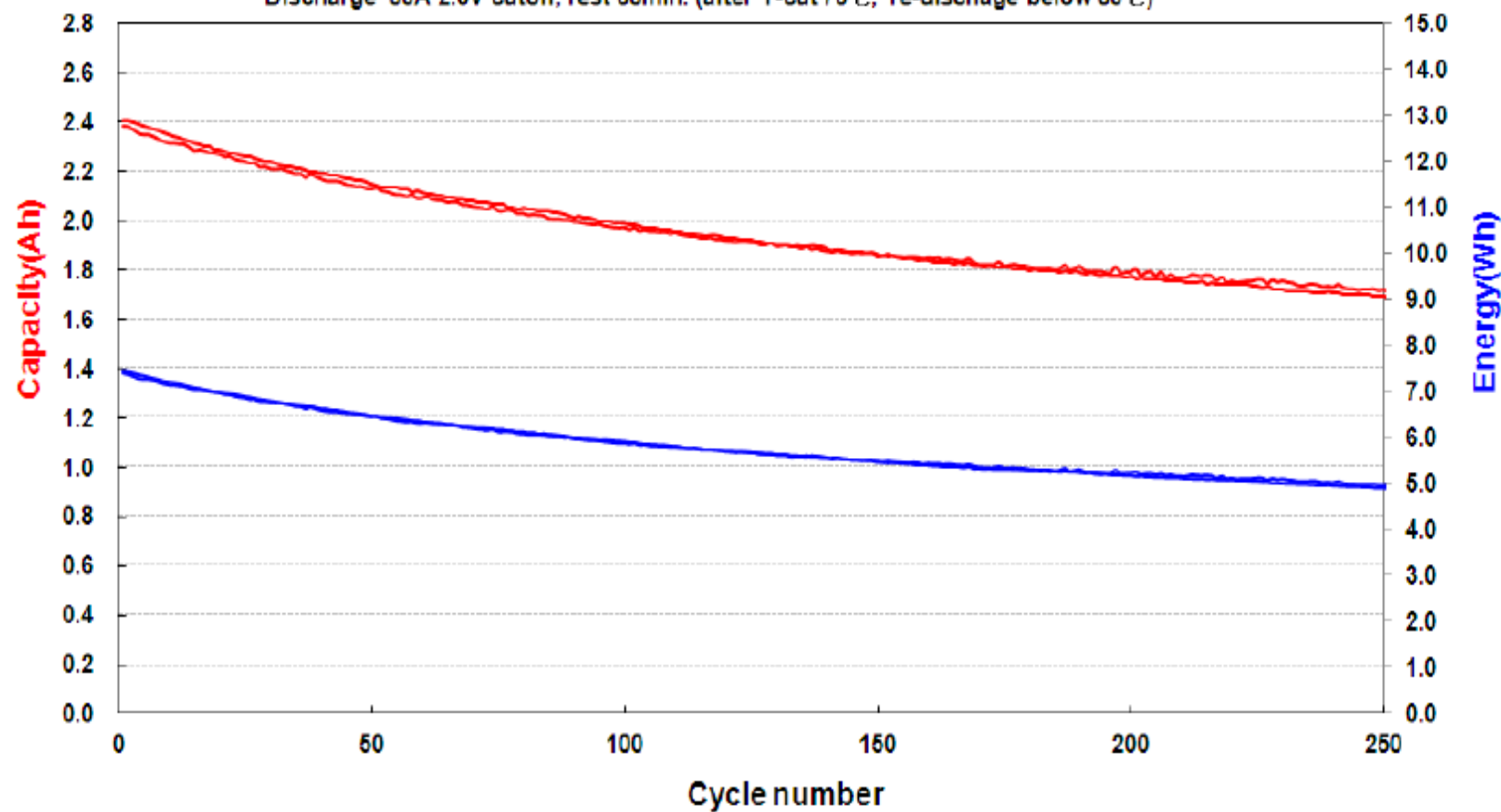
Current(A)	Capacity(mAh)
0.2C	2526
5A	2405
10A	2456
15A	2510
20A	2494
25A	2496
30A	2493
35A	2455

30A Discharge cycle life

Ambient temperature : 23°C

Test method : Charge 4A 4.2V 100mA cutoff, rest 10min.

Discharge 30A 2.5V cutoff, rest 30min. (after T-cut 70°C, re-discharge below 50°C)



High Pulse cycle life

