

# 18650 Y



### PERFORMANCE

- Lithium ion rechargeable cell
- Cell optimized for high energy density and high power capability

### MAIN APPLICATIONS

- Soldier power
- HEV/EV/PHEV
- Portable electronic devices
- UAV/UUV
- Aircraft, ground vehicle APU/starter battery
- UPS
- Solar energy power storage
- Telecommunications back-up power
- Marine

### KEY FEATURES

- Optimized capacity / rate capability
- High reliability
- Highly safe

### FOR MORE INFORMATION

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### SPECIFICATIONS

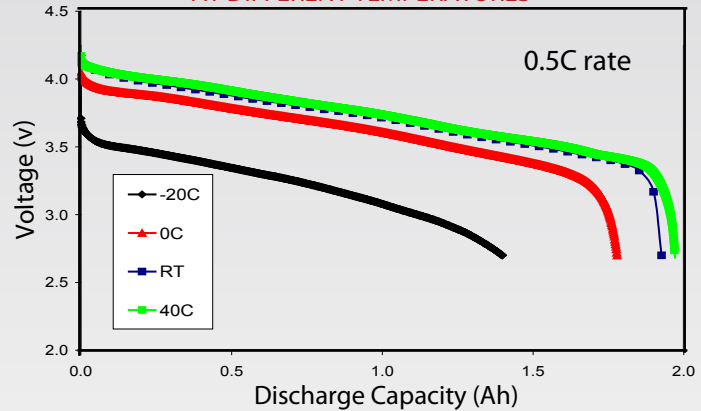
#### ELECTRICAL CHARACTERISTICS

Nominal Capacity	1.9 Ah
Nominal Voltage	3.7 V
Maximum Recommended Continuous Discharge Current	5.7 A
Operating Discharge Temperature	-20°C to 60°C

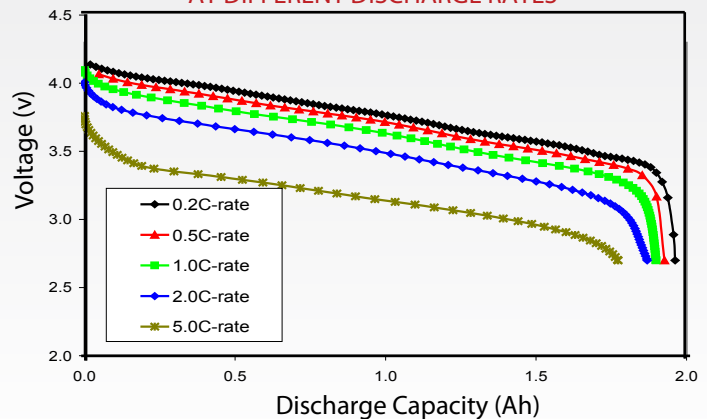
#### PHYSICAL CHARACTERISTICS

Diameter	18.1 mm
Height	64.8 mm
Weight	43 g
Volume	16.7 cc
Weight Energy Density	163 Wh/kg
Volume Energy Density	421 Wh/L

CELL DISCHARGE CURVE AT DIFFERENT TEMPERATURES



CELL DISCHARGE CURVE AT DIFFERENT DISCHARGE RATES



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*Powering Life.*