



Cylindrical Battery(Middle power cells)

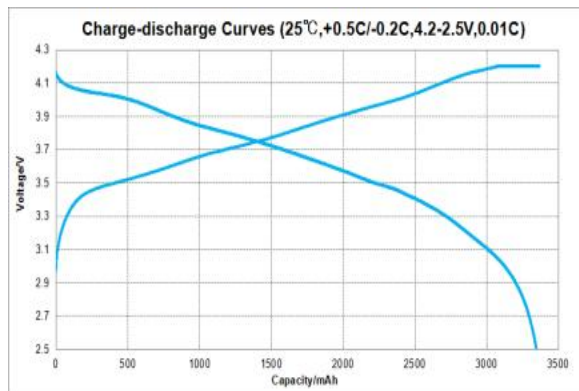
PRODUCT DATA SHEET

MODEL N18650CP(Low Temperature)

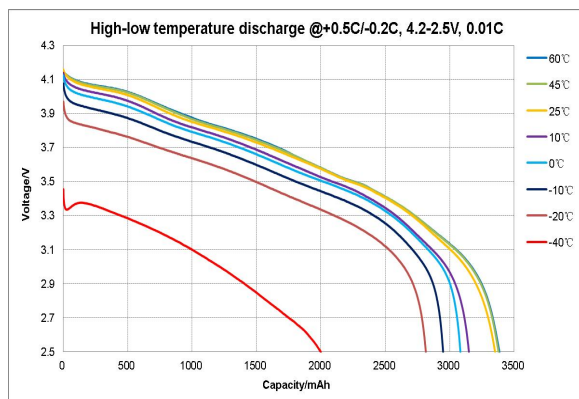
■ Technical Information

Model	N18650CP(Low Temperature)
Materials	Hi-Ni
Dimension(mm)	Diameter: 18.40±0.15 Height: 64.85±0.25
Nominal Voltage (V)	3.6
Typical Capacity (Ah)(0.2C)	3.35
Limited charging voltage (V)	4.2
End of discharge voltage (V)	2.5
Standard charge current	0.5C
Standard discharge current	0.2C
Internal Resistance (mΩ)	20
Cell Weight (g)	47
Max Charge Current	1C
Max Discharge Current	3C
High-Low Temperature Discharge (Vs 25°C)	-40°C/25°C:60%,-20°C/25°C:84%, -10°C/25°C:88%,0°C/25°C:92%, 10°C/25°C:94%,25°C/25°C:100% 45°C/25°C:101%,60°C/25°C:101%
Operating Temperature Range (Cell Surface)	Charge: 0~55°C Discharge: -40~70°C
Safety Certificate	GB/UN/UL/CB/PSE/BIS/BSMI
Application	Military devices, Low temperature devices

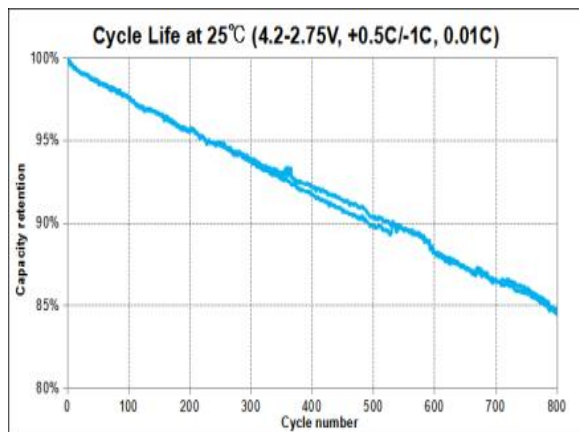
■ Standard Charge-discharge Curves



■ High-Low Temperature Discharge Characteristics



■ Cycle Life



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