联动 LDGROUP

LITHIUM-ION RECHARGEABLE CELL

PRODUCT DATA SHEET

INR21700S-70P



■ Physical Characteristics

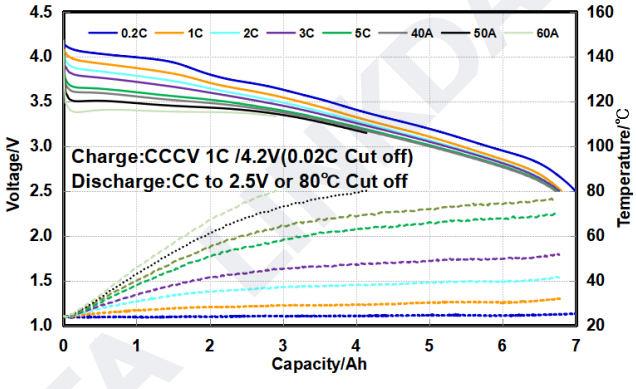
Shape	Cylindrical
Can	Steel
Diameter	21.35±0.15mm
Height	70.8±0.2mm
Weight	70.8±1.5g

Model:		INR21700S-70P
Capacity:	Typical	7000mAh
	Rated	6860mAh
Voltage:	Nominal	3.6V
	Charge	4.2V
	Discharge	2.5V

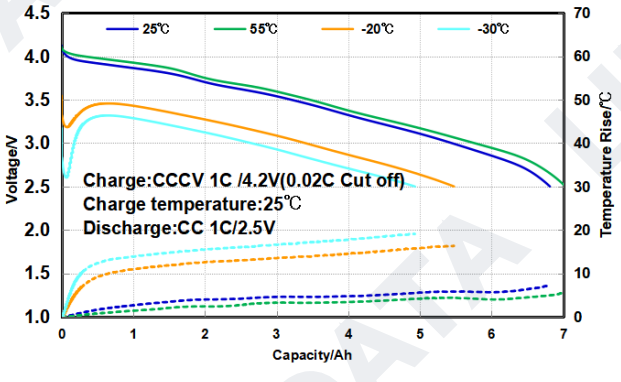
■ Electrical Characteristics

Typical Impedance	AC(30%SOC)	≤5.5mΩ
	DC (50%SOC)	≤18mΩ(1C10s)
Charge Current	Standard	1C（7000mA）
	Max Continuous	2C(14000mA)
Discharge Current	Standard	0.2C(1.4A)
	Max Continuous	40A (Without Tem.Cut)
		60A（with 80°C Cut)
Pulse Discharge Current		200A（2s)
		170A(10s)
Special Capacity	4.4V-2.0V(0.2 DC)	≥7100mAh
	4.5V-1.8V(50A)	≥7200mAh
Energy Density	Volumetric	994Wh/L
	Gravimetric	350Wh/kg
Cycle Life	+7A/-7A RT	400 cyc≥60%SOH
Operating Temperature (cell surface)	Charge	-10℃ to 60℃
	Discharge	-30℃ to 80℃

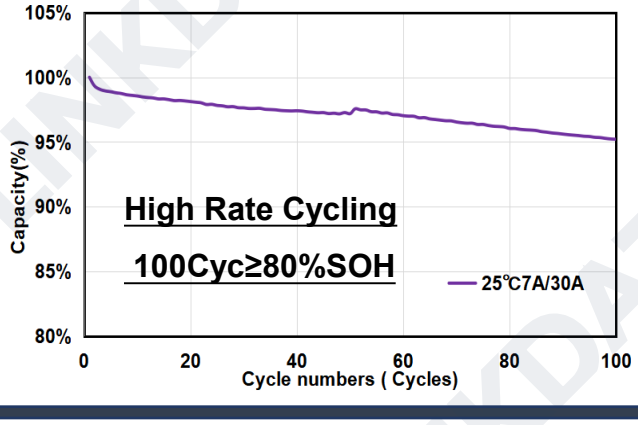
■ Rate Discharge



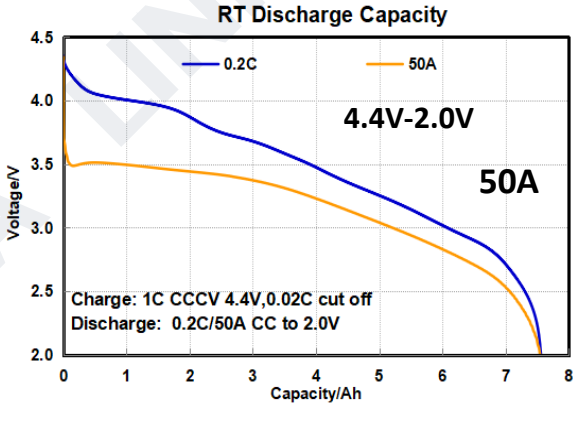
■ High-Low Temperature Rate



■ Cycle Life



■ Special Discharge Capacity



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