

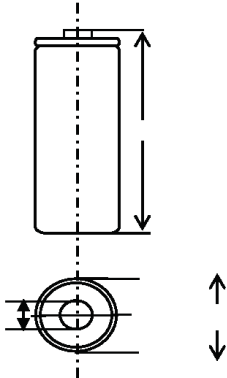
Model: 1.2V 2700 mAh - A Size - Flat Version

Stock Code: 900.600.503.011

TECHNICAL INFORMATION

Item	Specifications	Conditions
Nominal Voltage	1.2V	
Nominal Capacity	2.700 mAh	Standard charge and Standard discharge
Discharge Cut-off Voltage	1.0V	
Internal Impedance	$\leq 10\text{m}\Omega$	Within 1 hr after standard charge
Charge	Standard	270 mA (0.1C) / Charge at 0.1C for 16 hours / 0°C to 40°C
	Rapid Charge	1.350 mA (0.5C) / ambient temperature of $20\pm 5^\circ\text{C}$, Relative Humidity: $65\pm 20\%$
	Trickle Charge	26 ~ 65 mA / (0.02C ~ 0.05C) $T_a = -10 \sim 45^\circ\text{C}$
Discharge	Standard	540 mA (0.2C) / standard charge, the final voltage is 1.0V
	Rapid Discharge	2.700 mA (1.0C) / standard charge, the final voltage is 1.0V
	Maximum Discharge	8.100 mA (3C) – High Drain Rapid discharge, the final voltage is 0.8V
Over-charge	No leakage nor explosion Capacity $\geq 100\%$	0.2C discharge to 1.0V , 0.1C charge for 48 hrs, then test the Capacity with Standard discharge Conditions
Over-discharge	80%。 No leakage nor explosion Capacity $\geq 1040\text{mAh}$	0.2C discharge to 1.2V, Combine the battery with a 4.6Ω electric resistance, after stored for a period of 24 hrs, then test the Capacity with Standard discharge Conditions
Charge-retention Rate	Nominal capacity 60%(780mAh)	Storage a period of 28 days after standard charge, then Standard discharge (0.2C) to 1.0V
Weight	37,5 g	Approximately
Operation Temperature	0 ~ 40°C	Standard Charge
	10 ~ 40°C	Fast Charge
	-10 ~ 50°C	Discharge
Storage Temperature	-10°C to 30°C	Within 1 Year
	-10°C to 40°C	Within 3 Months
Cycles Test	≥ 500 Cycles	IEC61951-2:2003

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Description	Dimension	Technical Drawing
Diameter	16.3 ± 17.0 mm	
Height	48.5 ± 50.0 mm	