

Specification Sheet of NCA622944SA

Specifications		
Rated capacity ⁽¹⁾		1110mAh
Capacity ⁽²⁾	Minimum	1130mAh
	Typical	1170mAh
Nominal voltage		3.6V
Charging	Method	CC-CV
	Voltage	4.2V
	Current	Std. 791mA
	Time	Std. 180 min.
Weight (max.)		18.1g
Temperature	Charge	0 to +45° C ⁽⁴⁾
	Discharge	-20 to +60° C
	Storage	-20 to +50° C
Energy density ⁽³⁾	Volumetric	498 Wh/l
	Gravimetric	221 Wh/kg

⁽¹⁾ At 20° C ⁽²⁾ At 25° C

⁽³⁾ Energy density is calculated using cell dimensions (without tube & with bottom clad tab).

⁽⁴⁾ Charging current must be less than 395mA at 0-10°C

⁽⁵⁾ With bottom clad

Dimensions		
Without tube	T	Max. 6.25mm
	W	Max. 28.70mm
	H	Max. 44.70mm ⁽⁵⁾
	w	5.5mm

When designing a pack, refer to the cell's mechanical drawing for precise dimensions.