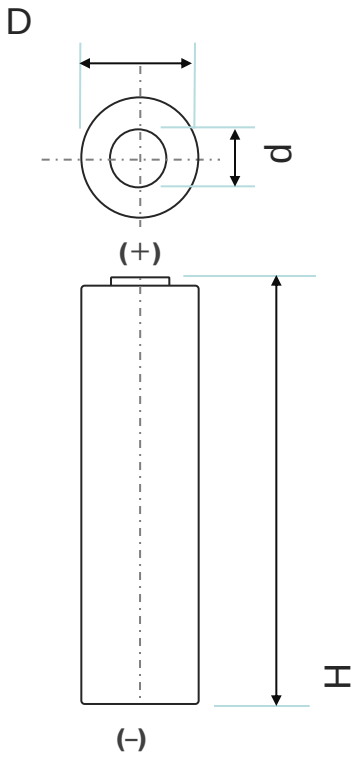
Specifications for NCR18500A

Specifications

Rated capacity(1)		1900mAh
Capacity(2)	Minimum	1940mAh
	Typical	2040mAh
Nominal voltage		3.6V
Charging	Method	CC-CV
	Voltage	4.20V
	Current	Std. 0.7CA
	Time	Std. 0.02C cut.
Weight (max.)		33.5g
Temperature	Charge	10 to +45° C
	Discharge	-20 to +60° C
	Storage	-20 to +50° C
Energy density(3)	Volumetric	536 Wh/l
	Gravimetric	204 Wh/kg

(1) At 20° C (2) At 25° C
(3) Energy density is calculated using bare cell dimensions (without tube).

Dimensions



With tube	H	Max. 49.36mm
	D	Max. 18.15mm
	d	Max. 6.6mm

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