General specification of NCR18500A

Specifications		
Rated capacity		1900mAh
Capacity	Minimum	1940mAh
	Typical	2040mAh
Nominal voltage		3.6V
Charging	Method	CC-CV
	Voltage	4.20V
	Current	Std. 1358mA
	Time	Std. 180 min.
Weight (max.)		33.5g
Temperature	Charge	10 to +45°C
	Discharge	-20 to +60°C
	Storage	-20 to +50°C
Energy density ⁽¹⁾	Volumetric	536 Wh/I
	Gravimetric	204 Wh/kg

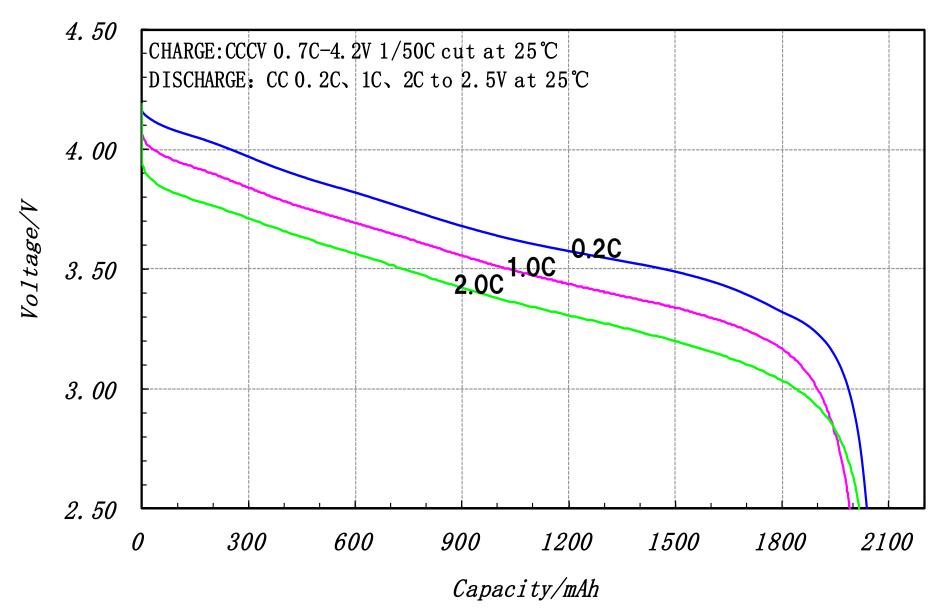
Dimensions				
	(+)	+ + d + d		
(-)				
With tube	Н	Max. 49.36mm		
	D	Max. 18.40mm		
	d	8.05mm		

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



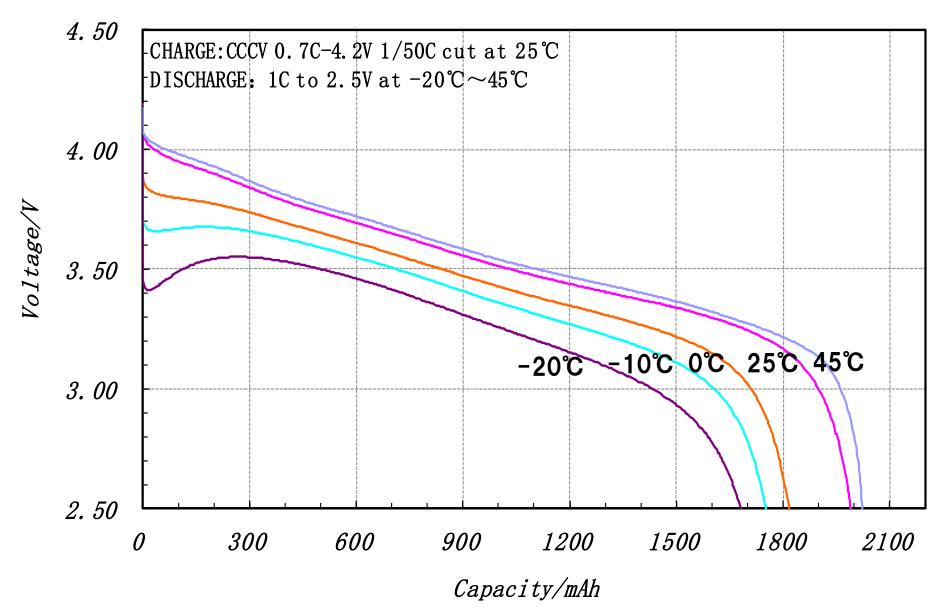
⁽¹⁾ Energy density is calculated using bare cell dimensions (without tube).

Discharge Rate Characteristics for NCR18500A





Discharge Temp. Characteristics for NCR18500A





Cycle Characteristics for NCR18500A

