

**Pouwa Lithium Ion Battery
PW-NCR18650B****Nominal Specifications**

Items	Specifications	Notes
Rated Capacity (Minimum)	3200mAh	0.65A discharge at 20°C
Nominal Capacity (Minimum)	3250mAh	0.65A discharge at 25°C
Nominal Capacity (Typical)	3350mAh	Reference only
Nominal Voltage	3.6V	0.65A discharge
Discharging End Voltage	2.5V	
Charging Voltage	4.20 ± 0.03V	
Charging Time (Std.)	4.0 hours	
Continuous Discharging Current (Max) ¹	4.87A	0~+50°C
Continuous Charging Current (Max)	1625mA	0~+40°C
Internal Resistance	Less than 120mΩ	
Weight	Less than 49g	
Operating Temperature (Charge)	0~+40°C	
Operating Temperature (Discharge)	-20~+60°C	
Storing Conditions less than 1 year	-20~+20°C	Percentage of recoverable capacity 80% ²

¹ The maximum discharge current for a single cell use. However after the battery pack assembly; there will be a limitation of maximum discharge current due to a protection circuit or a protection device.

² Percentage of recoverable capacity = (Discharging time after storage / Initial discharging time) X 100 The discharging time is measured by the discharge current of 0.65A until 2.5V of end voltage after the battery is fully charged at 25°C.