## power-xtra

### **SPECIFICATIONS OF SINGLE CELL**

Model Power-Xtra PX18500-14P - 3.7V 1400 mAh Li-ion Battery - 5C

**Stock Code** 900.600.503.482

### **TECHNICAL INFORMATIONS**

Item	Specifications	Conditions
Nominal Voltage	3.7V	
Nominal Capacity	1500 mAh	
Minimum Capacity	1480 mAh	Standard Charge/Discharge
Charging voltage	4.2V ±0.05 V	
Discharge ending voltage	2.75V±0.05 V	
Standard Charge	750 mA - 0.5C	Ambient temperature of 20±5°C, Relative Humidity: 65±20%
Standard Discharge	750 mA - 0.5C	
Maximum Continuous Discharge Current	1.500 mA - 1.0C	10°C to 40°C
Maximum Continuous Discharge Current	7.500 mA	5.0C
Storage Temperature	-20 °C ~ 35°C	Discharged state
Weight	35gr. / approx.	
Internal Impedance	≤25mΩ	The initial internal resistance is measured at 1KHz within 1-4 hours after standard charge.
Overcharge	No leakage nor explosion	At 23±5°C, charging cells with constant current 2C to voltage 5.0V, Stop test till cells temperature 10°C lower than max temperature.
Charge Retention	≥400mA	After standard charge and storage time of 28 days at an ambient temperature of 20°C±2°C, the capacity is measured with a discharging current of 0.2C and a discharge final voltage of 1.0V.
Cycles Test	≥500 Cycle	Measure capacity under the cycle conditions described below, until the discharge capacity ≤80%(0.5C) for three times. Cycle conditions:  Standard Charge, Rest for 10min;Discharge at 0.5C to 2.75V cut-off. Testing temperature is 23±2°C

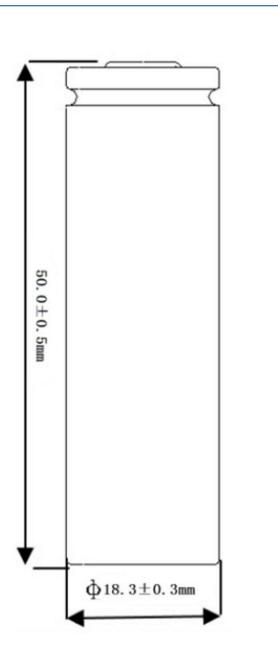
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### **TECHNICAL DRAWINGS**

Item	Specifications
Diameter	18.3 +0 / -1.0 mm
Height	49.0 +0 / -1.5 mm
High Top	-

### **IMAGE**





**Drawings**