

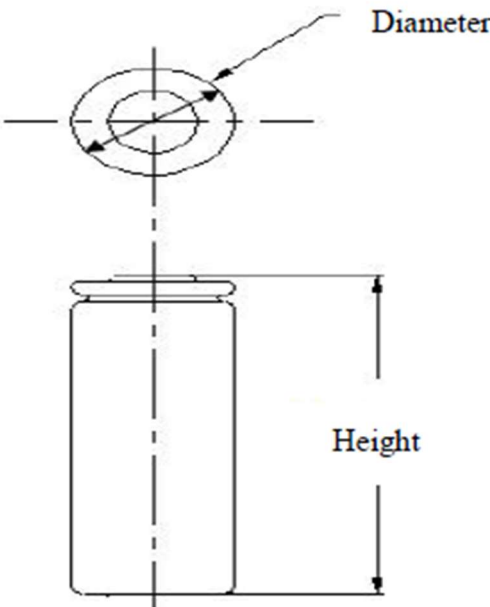
SPECIFICATIONS OF SINGLE CELL

Model Power-Xtra PX14500-08LW - 3.7V 800 Mah - AA - Li-ion - Flat - 1C
Stock Code 900.600.503.480

TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	3.7V	
Nominal Capacity	810 mAh	Standard Charge/Discharge
Minimum Capacity	800 mAh	
Charging voltage	4.20 $\pm$ 0.05 V	
Discharge ending voltage	2.75 $\pm$ 0.05 V	
Standard Charge	400 mA - 0.5C	Ambient temperature of 20 $\pm$ 5°C, Relative Humidity: 65 $\pm$ 20%
Standard Discharge	400 mA - 0.5C	
Maximum Continuous Discharge Current	1.000mA to 1.0V	10°C to 40°C
Maximum Continuous Discharge Current	800mA	1.0C
Storage Temperature	-20 °C ~ 35°C	Discharged state
Max recommended charge and discharge cell body temperature	Charge:0~ 45°C Discharge:-20~ 60°C	
Weight	47gr. / approx.	
Open Circuit Voltage(OCV)	$\geq$ 1.25V	Within 1hr after standard charge
Internal Impedance	$\leq$ 25m Ω	The initial internal resistance is measured at 1KHz within 1-4 hours after standard charge.
Overcharge	No leakage nor explosion	The overcharge test is measured with a discharge current of 0.2C and a discharge final voltage of 1.0V/cell within 1-4 hours after charging for 28 days at a current of 0.1C. Check cell appearance after overcharge.
Charge Retention	$\geq$ 400mA	After standard charge and storage time of 28 days at an ambient temperature of 20°C $\pm$ 2°C, the capacity is measured with a discharging current of 0.2C and a discharge final voltage of 1.0V.
Cycles Test	$\geq$ 500 Cycle	IEC61951-2:2003

TECHNICAL DRAWINGS

Item	Specifications	Drawings
Diameter	14.0 +0 / -1.0 mm	
Height	49.7 +0 / -1.5 mm	
High Top	-	
IMAGE		
		