power-xtra

Lithium-ion - Pouch

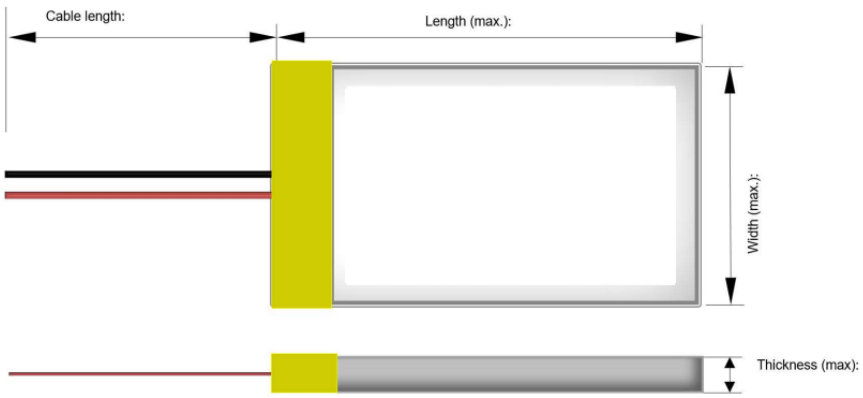
Model: PX602063 - 3.7V 800 mAh – 5C
Stock Code: 900.630.503.069

Item	Specifications		Conditions
Rated Capacity	Nominal	800mAh	Standard Charge : 0.2C Standard Discharge : 0.2C
	Minimum	800mAh	
Nominal Voltage	3.7V		
Cell Initial Impedance	≤100mΩ		3.7V AC 1KHz measured
Initial Voltage	≥3.75 V		
Limited Charge Voltage	4.2 V		Voltage of CC charge to CV charge
Standard Charging Method	0.2C CC current charge to 4.2V, then CV charge till current declines to 0.01C		
Cut-off Voltage	2.75 V		Load Voltage when discharge ended
Standard Charging Current	160mA (0.2C)		CC charge to 4.2 V, then CV charge till current declines to less than 0.01C
Standard Charging Time	6~7 hours		
Rapid Charging Current	800mA (1C)		
Rapid Charging Time	2.5~3.5 hours		
Standard Discharging Current	160mA (0.2C)		CC discharge to 2.75 V
Max. Discharging Current	2400mA (3C)		
Operating Temperature Range	Charging: 0 ~ 45℃ Discharging: -10 ~ 60℃		
Operating humidity Range	≤ 90%RH		
Storage Temperature Range	Less than 1 month: 20℃ ~ +45℃		60±25%R.H.
	More than 3 months: -10℃ ~ +45℃		60±25%R.H.
	Recommend storage: 15℃ ~ 35℃		85% RH Max.
Cycle Life	**≥300 Times**		Charge: 0.5C CC-CV charge to 4.2 V, then current declines to 0.02C Discharge: 0.5C CC discharge to 2.75 V When the discharge capacity reduced to 80% of rated capacity, stop testing, and record the cycle times.

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Item	Specifications	Representative Image
Thickness	6.0mm max.	
Width	20.0mm max.	
Length	63.5mm max.	