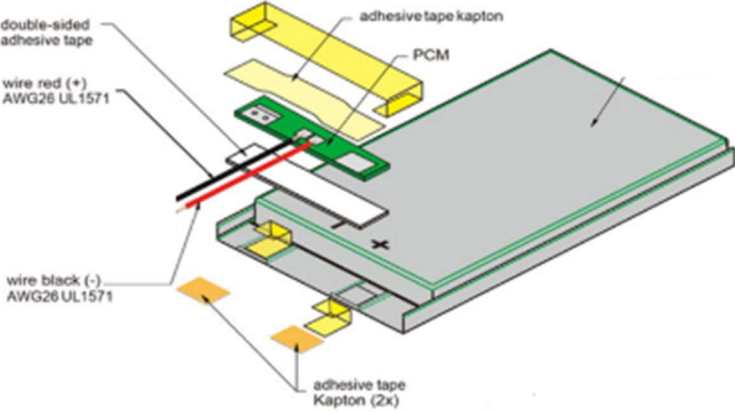


Model: Power-Xtra PX603453 - 3.7V 1000 mAh Li-Polymer Battery - BMS

Stock Code: 900.630.503.004

Item	Specifications		Conditions
Rated Capacity	Nominal	1050mAh	Standard Charge : 0.2C
	Minimum	1000mAh	Standard Discharge : 0.2C
Nominal Voltage	3.7V		
Voltage at the end of Discharge	2.75V		Discharge Cut-off Voltage
Charging Voltage	4.2±0.03V		
Internal Impedance	≤50mΩ		3.7V AC 1KHz measured
Weight	25 gr		approximately
Standard Charge	200 mA		0.2C
Standard Discharge	200 mA		0.2C
Max. Continuous Charge Current	500 mA		0.5C
Max. Continuous Discharge Current	1000 mA		1.0C
Operation Temperature Range	Charge: 0~45°C		60±25%R.H.
	Discharge: -20~60°C		
Storage Temperature Range	Less than 1 year: -20~25°C		60±25%R.H.
	Less than 3 months: -20~40°C		
Cycle Life	300 Times		Charge with the constant current of 0.5C and constant voltage of 4.2V, cut off at 0.02C, and rest for 10min; discharge with 0.5C and cut off at 2.75V, and rest for 20min. Repeat cycling till discharge capacity in 2 successive cycles is lower than 80% of the initial capacity

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Item	Specifications	Representative Image
Thickness	6.0±1.5mm	
Width	34.0±1.5mm	
Length	53.0±3mm	
Cable Length	80.0±3mm Don' t include the connector	
Connector Model		

Item	Specifications	Image
Overcharge Detection Voltage	4.28±0.05V	
Overcharge Release Voltage	4.10±0.05V	
Overdischarge Decetion Voltage	2.80±0.10V	
Overdischarge Rel. Voltage	3.00±0.1V	
OverCurrent Detection Charge	1.30±0.5V	
OverCurrent detection Discharge	3.5±1.0A	