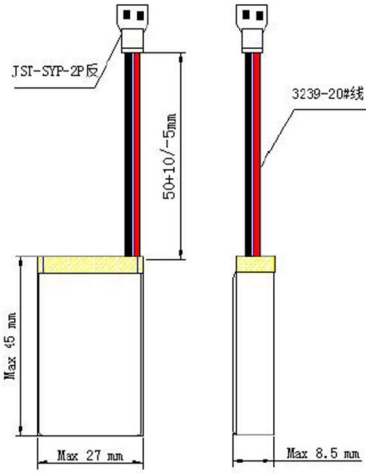


Model: Power-Xtra PX800XL1S - 1S1P - 3.7V 800 mAh Li-Polymer Battery - 20C

Stock Code: 900.869.503.291

Item	Specifications	Conditions
Nominal Voltage	3.7V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	4.2V±0.05V
Typ. Capacity	800 mAh	0.2C Discharge cut-off Voltage 3.0V after standard charge at 23±2°C
Maximum Charge Voltage	4.2V	4.2V/Cell
Configuration	1S1P	
Standard Charging Current	800 mA	1.0C
Standard Discharging Current	800 mA	1.0C
Maximum Charging Current	1.600 mA	2.0C
Max. Constant Discharge Current	8.000 mA	10.0C - Ref.Temperature:10-50°C
Max. Burst Discharge Current	12 A	15.0C ≤3S
Discharge Cut-Off Voltage	3.0V	
Temperature	Charge	0 to +10°C
		10 to +45°C
	Discharge	-20 to +60°C
	Storage	Less than 1 year: -20-25°C
		less than 3 months: -20-30°C
		less than 1 months: -20-45°C
Weight	25 gr	approximately
Cycles Test	Measure capacity under the cycle conditions described below, until the discharge capacity ≤80% for three times. Cycle conditions: Standard Charge (CC-CV, 0.2C, 4.2V) , Rest for 30min;Discharge with 1C, 3.0V cutting off. Testing temperature is 23±2°C Cycle Life≥500 cycles	

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Item	Description	Dimension	Technical Drawing
T	Thickness	8.4± 0.2 mm	
W	Width	31.5± 1 mm	
L	Length	51.5± 1 mm	
BP	Balance Plug	JST-SYP-2P - 3239-20 AWG	
CL	Cable Length	80+10/-5mm	

Image

