

Model: Power-Xtra 2S1P-PX1103554 - 7.4V 900 mAh Li-Polymer Battery Pack

Stock Code: 900.869.503.300

TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	7.4±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	8.4V±0.05V
Typ. Capacity	900 mAh	From 8.4V to 6.0V by discharge current 0.2C.
Maximum Charge Voltage	8.43V	
Standard Charging Current	180 mAh (0.2C)	Constant Current 0.2C Constant Voltage 8.4V - 0.01 C cut-off
Standard Discharging Current	180 mAh (0.2C)	Constant current 0.2C end voltage 5.8V
Maximum Charge Current	900 mAh (1.0C)	Recommended 10~45°C
Maximum Discharge Current	900 mAh (1.0C)	Recommended 10~45°C
Temperature	Charge	0 to +10°C / Max Charge:0.2C(180mA)
		10 to +45°C / Max Charge: 1C(900mA)
	Discharge	-20 to +60°C
	Storage	Less than 1 year: -20~30°C
less than 3 months: -20~35°C		
less than 1 months: -20~45°C		
Weight	45 gr	approximately
Cycles Test	<p>Higher than 70% of the Initial Capacities of the Cells</p> <p>Carry out 500cycle</p> <p>Charging/Discharging in the below condition.</p> <ul style="list-style-type: none"> ◆Charge: Standard Charge ◆Discharge:0.5C to 2.75 V ◆Rest Time between charge /discharge:30min. ◆Temperature:20±5°C 	

Model: Power-Xtra 2S1P-PX1103554 - 7.4V 900 mAh Li-Polymer Battery Pack
Stock Code: 900.869.503.300

PCM PARAMETER PER BATTERY PACK

Item	Content	Criterion
Current	Maximum Charge / Discharge	1.5A
Over charge Protection	Overcharge Det. Voltage	4.28±0.05V
	Overcharge Rel. Voltage	4.10±0.05V
Over charge Protection	Overdischarge Det. Voltage	2.90±0.10V
	Overdischarge Rel. Voltage	3.p00±0.1V

Dimension Details

Item	Description	Dimension
T	Cell Tab Thickness	11.0± 0.5 mm
W	Cell Tab Width	35.5± 1 mm
L	Cell Tab Length	54.0± 1 mm
CL	Cable Length Length	55±3 mm (UL3302 24# AWG)
P	Connector Model	Molex- 5264-2.5-3 PIN (

Technical Drawing

