

**Model:** Power-Xtra PX26650-50E - 3.7V 5000mAh Li-ion Battery-15A

**Stock Code:** 900.600.503.319

## TECHNICAL INFORMATION

Item	Specifications	Conditions
Nominal Voltage	3.7±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	4.20±0.05V
Typ. Capacity	<b>5.000 mAh</b>	0.2C(1000mA), CC to 2.5V
Initial Impedance	Max:20mΩp	
Standard Charge Current	1.000 mA (0.2C)	0.2C(1000mA), CC-CV to 4.2V, 50mA cut off
Standard Discharge Current	2.500 mA (0.5C)	0.5C(2500mA), CC to 2.5V
Max. Charge Current	5.000 mA (1.0C)	1.0C
Max. Continuous Discharge Current	<b>15.000 mA (3.0C)</b>	3.0C
Maximum instantaneous pulse discharge current	<b>25.000 mA (5.0C)</b>	5S
Standard environmental condition	Temperature: 25±2°C Humidity: 45-75%RH Atmospheric Pressure: 86-106 KPA	
Operating temperature	Charge: 0°C~50°C Discharge: -20°C~65°C	
Storage Temperature	Storage	Less than 1 year: -20~25°C
		less than 3 months: -20~45°C
Weight	95gr	approximately
Cycles Test	Constant current 0.5C charge to 4.2V, then constant voltage charge to current declines to 0.01C, rest 10min, constant current 0.5C discharge to 3.0V, rest 10min. Repeat above steps till continuously discharging capacity Higher than 80% of the Initial Capacities of the Cells	<b>≥ 500 Cycles</b>
Cycle Life	<b>&gt; 500 Cycles @100% DOD</b> <b>&gt; 800 Cycles @80% DOD</b> <b>&gt; 1200 Cycles @50% DOD</b>	