

Model: Power-Xtra PX18650-26E - 3.7V 2600 Mah Li-ion Battery - 3C

Stock Code: 900.600.503.350

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	2.600 mAh	0.5C(1250mA), CC-CV to 4.2V, 0.05C(125mA) cut off
Minimum Capacity	2.500 mAh	0.2C(500mA), CC to 2.75V
Internal Impedance	≤30mΩ	AC 1kHz
Standard Charge Current	1.250 mA (0.5C)	0.5C(1250mA) / Constant current 4.2V / Constant voltage 0.05C(125mA) / End condition(Cut off)
Standard Discharge Current	500 mA (0.2C)	0.2C(500mA), CC to 2.75V
Max. Continuous Charge Current	2.500 mA (1.0C)	1.0C
Max. Continuous Discharge Current	7.500 mA (3.0C)	3.0C
Max. Pulse Discharge Current	15.000 mA (6.0C)	6.0C / < 200ms
Operating Temperature (Charge)	Temperature	Max. Continuous Charge Current
	0°C ≤ T ≤ 15°C	0.2C (500mA)
	15°C < T ≤ 30 °C	0.5C (1250mA))
	30°C < T ≤ 50°C	1C (2500mA)
Operating Temperature (Discharge)	Temperature	Max. Continuous Discharge Current
	-30°C ≤ T ≤ 0°C	0.2C (500mA)
	0°C < T ≤ 10°C	1C (2500mA)
	10°C < T ≤ 45°C	3C (7500mA)
	45°C < T ≤ 60°C	1C (2500mA)
Storage Temperature	Storage	Less than 1 year: -20~25°C
		less than 3 months: -20~45°C
Weight	46 gr	approximately

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Cycle Life INFORMATIONS

Item	Specifications	Conditions
Cycles Test - 1	Charge as 0.5C(1250mA), CC-CV to 4.2V, 0.05C(125mA) cut off, and rest for 10min; discharge with 1C(2500mA) and cut off at 2.75V, and rest for 10min. Repeat cycling till discharge capacity in 2 successive cycles is lower than 80% of the initial capacity.	≥ 600 Cycles
Cycles Test - 2	Charge with the constant current of 0.5C(1250mA) and constant voltage of 0.5C(1250mA), CC-CV to 4.2V, 0.05C(125mA) cut off, cut off at 0.05C(125mA), and rest for 10min; discharge with 1C(2500mA) and cut off at 2.75V, and rest for 10min. Repeat cycling till discharge capacity in 2 successive cycles is lower than 70% of the initial capacity..	≥ 1000 Cycles