

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

Stock Code: 900.600.503.350

TECHNICAL INFORMATIONS

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 (Cut-off temperature: 70°C)
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

POWER-XTRA

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Cycle Life INFORMATIONS

Item	Specifications	Conditions
Cycles Test 1 0.5C Charge / 1C Discharge (25 ± 2°C.)	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.	≥ 800 Cycles
Cycles Test 2 0.5C Charge / 1C Discharge (25 ± 2°C.)	Charge with the constant current of 0.5C(1250mA) and constant voltage of 0.5C(1250mA), CC-CV to 4.1V , 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

