

Model: PX18650-24P - 3.7V 2400 mAh Li-ion

Stock Code: 900.600.503.450

Item	Specifications	Conditions
Nominal Voltage	3.6±0.05V	Discharge : 0.2C
Charging Voltage	4.20±0.05V	
Typ. Capacity	2400 mAh	StandardCharge:1.2A,4.20V,CCCV(constant current to constnat voltage charge) to
Minimum Capacity	2350 mAh	4.2V, 100mA cut off Standard Discharge; 1.2A, 4.20V, CCCV 100Ma cut-off
Internal Impedance	≤18mΩ	AAC 1KHZ
Standard Charge	1200 mA (0.5C)	CCCV 1.2A, 4.20V±0.05V, 100Ma cut-off
Standard Discharge	480 mA (0.2C)	0.2C(480mA), CC to 2.5V
Max. Charge Current	6000 mA	1.0C
Max. Continuous Discharge Current	30.000 mA	12.5C
Operation Temperature (Charge)	0°C ≤ T ≤ 15°C	0.2C(480mA) max. continuous current
	15°C < T ≤ 30 °C	0.5C(1200mA) max. continuous current
	30°C < T ≤ 50°C	1.0C(2400mA) max. continuous current
Operating Temperature (Discharge)	-30°C ≤ T ≤ 0°C	0.2C(480mA) max. continuous current
	0°C < T ≤ 10°C	0.5C(1200mA) max. continuous current
	10°C < T ≤ 45°C	3.0C(7200mA) max. continuous current
	45°C < T ≤ 60°C	1.0C(2400mA) max. continuous current
Storage Temperature	Less than 1 year: -20~25°C	
	less than 3 months: -20~45°C	
Cycle Life	4A/20A ≥ 300 Cycles	Charge: 4A CC-CV to 4.2V, 100mA cut off, leave it for 10min; Discharge: 20A CC to 2.75V, leave it for 20min; Temperature: 25 ± 2°C. (After 300 Cycle, Discharge Capacity≥ %85)
	2A/10A ≥ 500 Cycles	Charge: 2A CC-CV to 4.2V, 100mA cut off, leave it for 10min; Discharge: 10A CC to 2.75V, leave it for 20min; Temperature: 25 ± 2°C.(After 700Cycle,dischargeCapacity≥ %80)