

Model: Power-Xtra PX18350-9B - 3.7V 900 Mah Li-ion Battery - 2C

Stock Code: 900.600.503.393

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	900 mAh	Standard Charge : 0.5C(450mA), CC-CV(constant current to constnat voltage charge) to 4.2V, 90mA cut off
Minimum Capacity	875 mAh	Standard Discharge : 0.2C(180mA), CC(constant current discharge) to 2.5V
Internal Impedance	≤80mΩ	AC 1kHz
Standard Charge Current	450 mA (0.5C)	0.5C(450mA), CC-CV to 4.2V, 50mA cut off
Standard Discharge Current	180 mA (0.2C)	0.2C(180mA), CC to 2.5V
Max. Charge Current	900 mA (1.0C)	1.0C
Max. Continuous Discharge Current	1.800 mA (2.0C)	2.0C
Operating Temperature (Charge)	Temperature	Max. Continuous Charge Current
	0°C ≤ T ≤ 15°C	0.2C(180mA)
	15°C < T ≤ 30 °C	0.5C(450mA)
	30°C < T ≤ 50°C	1.0C(900mA)
Operating Temperature (Discharge)	Temperature	Max. Continuous Discharge Current
	-20°C ≤ T ≤ 0°C	0.2C(180mA)
	0°C < T ≤ 10°C	0.5C(450mA)
	10°C < T ≤ 60°C	2.0C(1800mA)
Storage Temperature	Storage	Less than 1 year: -20~25°C
		less than 3 months: -20~45°C
Weight	25 gr	approximately
Cycles Test	Temperature : 23°C ±2°C. Charge: 0.5C CC-CV to 4.2V, 45mA cut off, leave it for 10min; Discharge: 0.5C CC to 2.75V, leave it for 10min;	0.5C/0.5C ≥ 500 Cycles