

Model: Power-Xtra PX18650-28A - 3.7V 2800 Mah Li-ion - 3C

Stock Code: 900.600.503.394

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	2.800 mAh	0.5C(1400mA), CC-CV to 4.2V, 0.05C(140mA) cut off
Minimum Capacity	2.700 mAh	0.2C(560mA), CC to 2.5V
Internal Impedance	≤25mΩ	AC 1kHz
Standard Charge Current	1.400 mA (0.5C)	0.5C(1400mA) / Constant current 4.2V / Constant voltage 0.05C(140mA) / End condition(Cut off)
Standard Discharge Current	560 mA (0.2C)	0.2C(560mA), CC to 2.5V
Max. Continuous Charge Current	2.000 mA (1.0C)	1.0C
Max. Continuous Discharge Current	8.400 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 (560mA)
	15°C < T ≤ 30 °C	0.5C (1400mA)
	30°C < T ≤ 50°C	1C (2800mA)
Operating Temperature (Discharge)	Temperature	Max. Continuous Discharge Current
	-30°C ≤ T ≤ 0°C	0.2C (560mA)
	0°C < T ≤ 10°C	1C (2800mA)
	10°C < T ≤ 45°C	3C (8400mA)
	45°C < T ≤ 60°C	1C (2800mA)
Storage Temperature	Storage	Less than 1 year: -20~23°C
		less than 3 months: -20~60°C
Weight	47 gr	approximately

Model: Power-Xtra PX18650-28A - 3.7V 2800 Mah Li-ion - 3C

Stock Code: 900.600.503.394

Cycle Life INFORMATIONS

Item	Specifications	Conditions
Cycles Test 1 0.5C Charge / 1C Discharge (25 ± 2 .)	Charge as 0.5C(1400mA), CC-CV to 4.2V, 0.05C(140mA) cut off, and rest for 10min; discharge with 1C(2800mA) 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.	≥ 400 Cycles

