POWER-XTRA

Model: Power-Xtra PX16340B - 3.7V 700 Mah Li-ion Battery - 3C
Stock Code: 900.600.503.336

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	725 mAh	0.2C(140mA), CC to 2.75V		
Minimum Capacity	700 mAh			
Internal Impedance	≤40mΩ	AC 1kHz		
Standard Charge Current	350 mA (0.5C)	Constant current at 350mA charge to 4.20V, then constant voltage at 4.20V charge till current decline to ≤7mA		
Standard Discharge Current	350 mA (0.5C)	0.5C(350mA), CC to 2.5V		
Max. Charge Current	700 mA (1.0C)	1.0C		
Max. Continuous Discharge Current	1.400 mA (3.0C)	2.0C		
Max. Instantaneous -BURST Discharge Current	2.100 mA (3.0C)	3.0C		
Operating Temperature	Charge	Discharge		
	0℃ ≤ T ≤ 45℃	-20℃ <T ≤ 60 ℃		
Storage Temperature	1 Year	3 Months	30 Days	
	-20℃ ≤ T ≤ 25℃	-20℃ <T ≤ 40 ℃	-20℃ <T ≤ 50 ℃	
Storage Temperature	Storage	Less than 1 year: -20~25℃		
		less than 3 months: -20~45℃		
Weight	17 gr	approximately		
Cycles Test	During this cycle life test, the ambient temperature should be kept at 23℃ ±2℃.The cell shall be charged at CC/CV=0.5C/4.20V, cut off till current decline to 0.05C, stored for 10mins, then discharged at a constant current of 0.5C to a final voltage of 2.75V, after that, stored 10mins prior to next charge/ discharge cycle. The cell shall be continuously charged and discharged for 300 times.	**≥ 300 Cycles**		
	During this cycle life test, the ambient temperature should be kept at 23℃ ±2℃.The cell shall be charged at CC/CV=0.2C/4.20V, cut off till current decline to 0.02C, stored for 10mins, then discharged at a constant current of 0.2C to a final voltage of 2.75V, after that, stored 10mins prior to next charge/ discharge cycle. The cell shall be continuously charged and discharged for 600 times.	**≥ 600 Cycles**		