

Model: Power-Xtra 1S1P - 18650-3.7V 1200 Mah Li-ion Battery - With Connector

Stock Code: 900.600.503.282

TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	3.7V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	4.2V±0.05V
Typ. Capacity	1.200 mAh	0.2C Discharge cut-off Voltage 2.75V after standard charge at 23±2°C
Maximum Charge Voltage	4.2V	4.2V/Cell
Configuration	1S1P	
Standard Charging Current	240 mAh (0.2C)	Constant current at 240mA charge to 4.2V, then constant voltage at 4.2V charge till current decline to ≤24mA
Standard Discharging Current	240 mAh (0.2C)	240mA to 2.75V.
Maximum Charging Current	1.200 mAh (1.0C)	1200mA to 4.2V
Max. Constant Charge Current	1.2 AH (1.0C)	-
Max. Burst Discharge Current	1.2 AH (1.0C)	-
Discharge Cut-Off Voltage	2.75V	
Temperature	Charge	0 to +10°C
		10 to +45°C
	Discharge	-20 to +60°C
	Storage	Less than 1 year: -20~25°C
less than 3 months: -20~30°C		
less than 1 months: -20~45°C		
Weight	50 gr	approximately
Cycles Test	<p>During this cycle life test, the ambient temperature should be kept at 23°C ± 2°C. The battery shall be charged at CC/CV=0.5C/4.2V, 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 3.0V, after that, stored 10mins prior to next charge/ discharge cycle. The battery shall be continuously charged and discharged for 300 times</p> <p>Cycle Life≥300 cycles</p>	

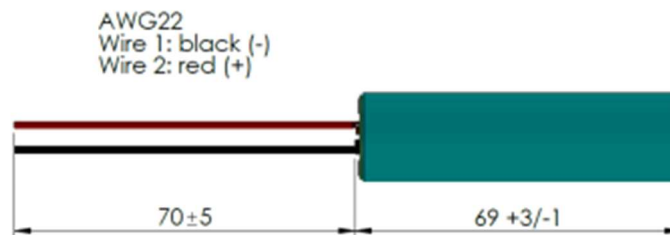
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Battery Pack Technical Drawing / Dimension

Item	Description	Dimension
T	Thickness	19.2± 1.0 mm
W	Width	19.2± 1.0 mm
L	Length	69.5± 1 mm
CL	Cable Length	70.0± 1 mm
Cn	Connector Model	JST-XHR-2P

Technical Drawing



Image

