

Model: Power-Xtra PX420XL2S - 2S1P - 7.4V 420 mAh Li-Polymer Battery -25C

Stock Code: 900.869.503.303

TECHNICAL INFORMATIONS

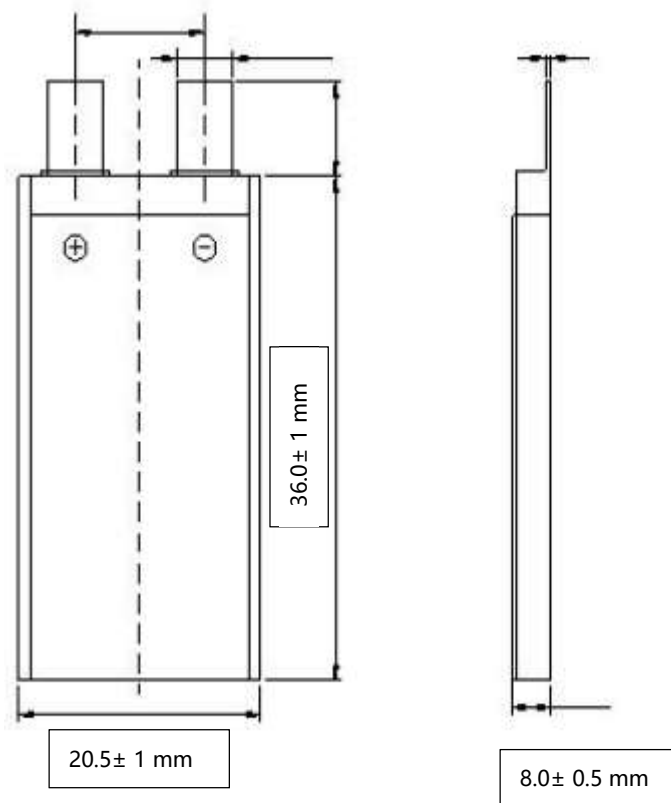
| Item | Specifications | Conditions |
|---------------------------------|---|---|
| Nominal Voltage | 7.4V±0.05V | 0.2C Discharge |
| Charging | Method | CC-CV |
| | Voltage | 12.6V±0.05V |
| Typ. Capacity | 420 mAh | 0.2C Discharge cut-off Voltage 6.0V after standard charge at 23±2°C |
| Maximum Charge Voltage | 8.4V | 4.2V/Cell |
| Configuration | 2S1P | |
| Standard Charging Current | 420 mAh (1.0C) | Constant Current 1.0C |
| Standard Discharging Current | 420 mAh (1.0C) | Constant current 1.0C |
| Maximum Charging Current | 840 mAh (2.0C) | Constant current 2.0C |
| Max. Constant Discharge Current | 10.5 AH (25.0C) | Ref.Temperature:10~50°C |
| Max. Burst Discharge Current | 12.6 AH (30.0C) | ≤3S |
| Discharge Cut-Off Voltage | 6.0V | |
| 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 | 32 gr | approximately |
| Cycles Test | Measure the capacity under the following cycle conditions until the cycle life ends when the three discharge capacity ≤80%, Cycle conditions: Standard Charge, rest for 30min;Discharge at 1.0C to 6.0V cut-off , Testing temperature is 23±2°C. Cycle Life≥300 cycles | |

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Cell Dimension

| Item | Description | Dimension |
|------|---------------------|-------------|
| T | Cell Tab Thickness | 8.0± 0.5 mm |
| W | Cell Tab Width | 20.5± 1 mm |
| L | Cell Tab Length | 36.0± 1 mm |
| CL | Cable Length Length | - |
| P | Connector Model | - |



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Battery Pack Dimension

| Item | Description | Dimension |
|------|---------------------|----------------------------|
| T | Cell Tab Thickness | 17.0± 1.0 mm |
| W | Cell Tab Width | 22.3± 1.0 mm |
| L | Cell Tab Length | 45.0± 1 mm |
| C1 | Connector Model | XT30U |
| C1-L | Cable Length Length | 80.0±3 mm (UL3239 18# AWG) |
| C2 | Connector Model | JST-XHP-3P |
| C2-L | Cable Length Length | 30.0±3 mm (UL3239 26# AWG) |

Technical Drawing

