

Model: Power-Xtra PX280XL -1S1P- 3.7V 280 mAh Li-Polymer Battery -15C

Stock Code: 900.869.503.144

TECHNICAL INFORMATIONS

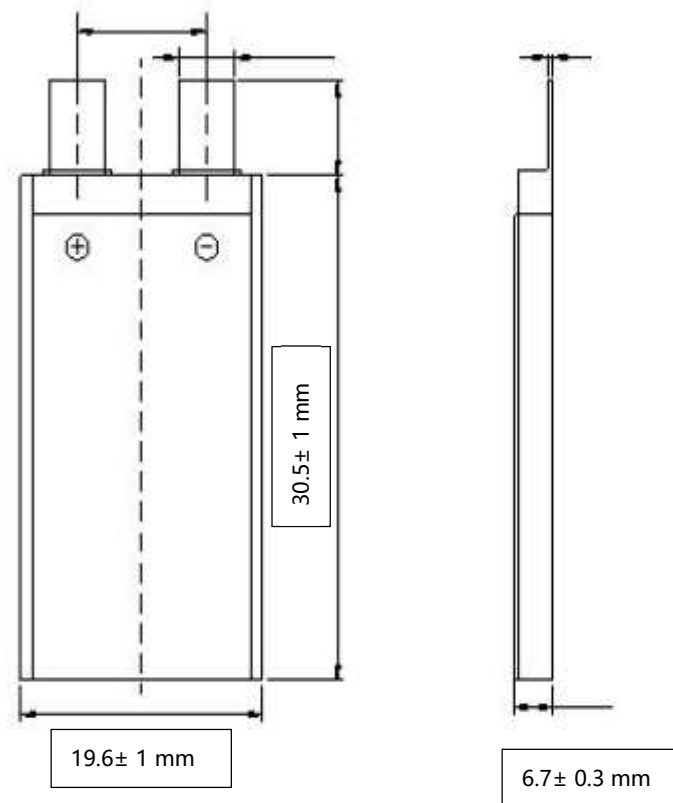
| Item | Specifications | Conditions |
|---------------------------------|---|---|
| Nominal Voltage | 3.7V±0.05V | 0.2C Discharge |
| Charging | Method | CC-CV |
| | Voltage | 4.2V±0.05V |
| Typ. Capacity | 280 mAh | 0.2C Discharge cut-off Voltage 3.0V after standard charge at 23±2°C |
| Maximum Charge Voltage | 4.2V | 4.2V/Cell |
| Configuration | 1S1P | |
| Standard Charging Current | 280 mAh (1.0C) | Constant Current 1.0C |
| Standard Discharging Current | 280 mAh (1.0C) | Constant current 1.0C |
| Max. Charging Current | 560 mAh (2.0C) | |
| Max. Constant Discharge Current | 4.2 AH (15.0C) | Ref.Temperature:10~50°C |
| Max. Burst Discharge Current | 8.4 AH (30.0C) | ≤3S |
| Discharge Cut-Off Voltage | 3.0V | |
| 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 | 6.5 gr ±0.5 g | 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 9V cut-off, Testing temperature is 23±2°C. Cycle Life≥500 cycles | |

Model: Power-Xtra PX280XL -1S1P- 3.7V 280 mAh Li-Polymer Battery -15C

Stock Code: 900.869.503.144

Cell Dimension

| Item | Description | Dimension |
|------|---------------------|-------------------------|
| T | Cell Tab Thickness | 6.7 ± 0.3 mm |
| W | Cell Tab Width | 19.6 ± 1 mm |
| L | Cell Tab Length | 30.5 ± 1 mm |
| CL | Cable Length Length | 50.0 mm |
| P | Connector Model | JST-SYP-2P / 3239-20AWG |



Model: Power-Xtra PX280XL -1S1P- 3.7V 280 mAh Li-Polymer Battery -15C

Stock Code: 900.869.503.144

Battery Pack Dimension

| Item | Description | Dimension |
|------|---------------------|-------------------------|
| T | Cell Tab Thickness | 7.0± 0.5 mm |
| W | Cell Tab Width | 20.0± 1 mm |
| L | Cell Tab Length | 30.0± 1 mm |
| CL | Cable Length Length | 50.0 mm |
| P | Connector Model | JST-SYP-2P / 3239-20AWG |

Technical Drawing

