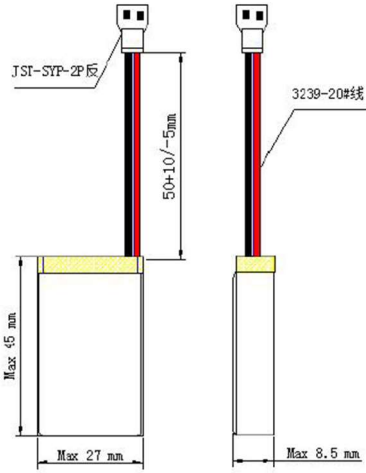


**Model:** Power-Xtra PX600HP -1S1P - 3.7V 600 mAh Li-Polymer Battery -20C

**Stock Code:** 900.869.503.145

| Item                            | Specifications                                                                                                                                                                                                                                                                                              | Conditions                                                          |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Nominal Voltage                 | 3.7V±0.05V                                                                                                                                                                                                                                                                                                  | 0.2C Discharge                                                      |
| Charging                        | Method                                                                                                                                                                                                                                                                                                      | CC-CV                                                               |
|                                 | Voltage                                                                                                                                                                                                                                                                                                     | 4.2V±0.05V                                                          |
| Typ. Capacity                   | <b>600 mAh</b>                                                                                                                                                                                                                                                                                              | 0.2C Discharge cut-off Voltage 3.0V after standard charge at 23±2°C |
| Maximum Charge Voltage          | 4.2V                                                                                                                                                                                                                                                                                                        | 4.2V/Cell                                                           |
| Configuration                   | <b>1S1P</b>                                                                                                                                                                                                                                                                                                 |                                                                     |
| Standard Charging Current       | 600 mA                                                                                                                                                                                                                                                                                                      | 1.0C                                                                |
| Standard Discharging Current    | 600 mA                                                                                                                                                                                                                                                                                                      | 1.0C                                                                |
| Maximum Charging Current        | <b>1.310 mA</b>                                                                                                                                                                                                                                                                                             | <b>2.0C</b>                                                         |
| Max. Constant Discharge Current | <b>8.000 mA</b>                                                                                                                                                                                                                                                                                             | <b>13.0C</b> - Ref.Temperature:10-50°C                              |
| Max. Burst Discharge Current    | <b>12 A</b>                                                                                                                                                                                                                                                                                                 | <b>20.0C</b> ≤3S                                                    |
| Discharge Cut-Off Voltage       | <b>3.0V</b>                                                                                                                                                                                                                                                                                                 |                                                                     |
| 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                          | 20 gr                                                                                                                                                                                                                                                                                                       | approximately                                                       |
| Cycles Test                     | <p>Measure capacity under the cycle conditions described below, until the discharge capacity ≤80% for three times.</p> <p>Cycle conditions: Standard Charge (CC-CV, 0.2C, 4.2V) , Rest for 30min;Discharge with 1C, 3.0V cutting off.</p> <p>Testing temperature is 23±2°C</p> <p>Cycle Life≥500 cycles</p> |                                                                     |

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| Item | Description  | Dimension                | Technical Drawing                                                                   |
|------|--------------|--------------------------|-------------------------------------------------------------------------------------|
| T    | Thickness    | 8.5± 0.2 mm              |  |
| W    | Width        | 27.0± 1 mm               |                                                                                     |
| L    | Length       | 45.0± 1 mm               |                                                                                     |
| BP   | Balance Plug | JST-SYP-2P - 3239-20 AWG |                                                                                     |
| CL   | Cable Length | 50+10/-5mm               |                                                                                     |

Image

