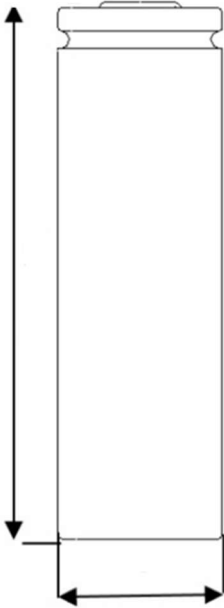


**Model** Power-Xtra IFR26650WTB - 3.2V 4000 mAh LiFePO<sub>4</sub> Battery - 2C  
**Stock Code** 900.640.503.030

| Item                                 | Specifications             | Conditions                                                                                                                                                                                                                                                                                                                    |               |
|--------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Nominal Voltage                      | 3.2V                       |                                                                                                                                                                                                                                                                                                                               |               |
| Nominal Capacity                     | <b>4000 mAh</b>            | Standard Charge/Discharge                                                                                                                                                                                                                                                                                                     |               |
| Minimum Capacity                     | <b>3950 mAh</b>            |                                                                                                                                                                                                                                                                                                                               |               |
| Charging voltage                     | 3.65 ±0.05 V               |                                                                                                                                                                                                                                                                                                                               |               |
| Discharge ending voltage             | 2.00±0.05 V                |                                                                                                                                                                                                                                                                                                                               |               |
| Standard Charge                      | 800 mA - 0.2C              | Ambient temperature of 20±5°C,<br>Relative Humidity: 65±20%                                                                                                                                                                                                                                                                   |               |
| Standard Discharge                   | 800 mA - 0.2C              |                                                                                                                                                                                                                                                                                                                               |               |
| Maximum Continuous Charge Current    | 1.600 mA to 3.65V          | 10°C to 40°C                                                                                                                                                                                                                                                                                                                  |               |
| Maximum Continuous Discharge Current | <b>8.000 mA</b>            | <b>2.0C</b>                                                                                                                                                                                                                                                                                                                   |               |
| Storage Temperature                  | -20 °C ~ 35°C              | Capacity retention≥95% of the capacity at 25°C                                                                                                                                                                                                                                                                                |               |
| Weight                               | 90 gr. / approx.           |                                                                                                                                                                                                                                                                                                                               |               |
| Internal Impedance                   | ≤20mΩ                      | The initial internal resistance is measured at 1KHz within 1-4 hours after standard charge.                                                                                                                                                                                                                                   |               |
| Overcharge                           | No leakage nor explosion   | At 23±5°C, charging cells with constant current 2C to voltage 5.0V, Stop test till cells temperature 10°C lower than max temperature.                                                                                                                                                                                         |               |
| Charging Current                     | Standard Charge            | - 20°C~-0°C                                                                                                                                                                                                                                                                                                                   | 0.80A (0.2C5) |
|                                      |                            | 0°C~~60°C                                                                                                                                                                                                                                                                                                                     | 2.0A (0.5C5)  |
|                                      | Max. Charge                | > 5°C                                                                                                                                                                                                                                                                                                                         | 4.0A (1.0C5)  |
| Discharge Current                    | Standard Discharge Current | 0°C~~60°C                                                                                                                                                                                                                                                                                                                     | 2.0A (0.5C5)  |
|                                      |                            | - 40°C~~60°C                                                                                                                                                                                                                                                                                                                  | 2.0A (0.5C5)  |
|                                      | Fast discharge current     | 0°C~~45°C                                                                                                                                                                                                                                                                                                                     | 8A (2C5)      |
| Cycles Test                          | ≥2000 Cycle                | At 25 ± 2°C, Each cycle is an interval between the charge (CC with 4.0A (1.0C5) to 3.65V, then CV at 3.65 V to cut-off current at 0.20A(0.05C), rest for 30min and discharge (discharge current with 4.0A (1.0C5) to cut-off voltage at 2.0V, rest for 30 min. After 2000 cycles, rest for 1 day, then checks the capacity as |               |

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Stock Code     900.640.503.030

TECHNICAL DRAWINGS

| Item     | Specifications    | Drawings                                                                            |
|----------|-------------------|-------------------------------------------------------------------------------------|
| Diameter | 26.5 +0 / -1.0 mm |  |
| Height   | 66.0 +0 / -1.5 mm |                                                                                     |
| High Top | -                 |                                                                                     |