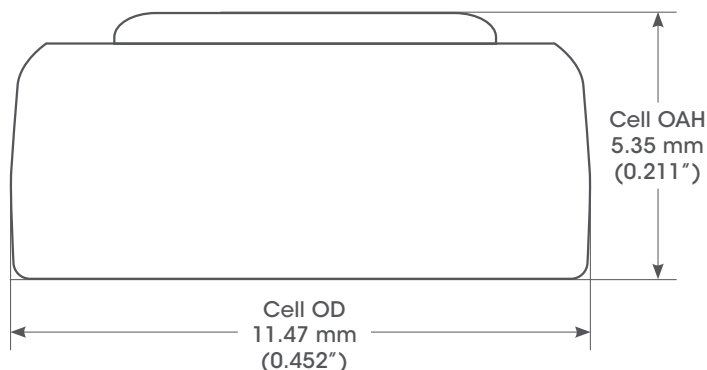


## ZPower Size 675 Rechargeable Battery (XR44)

ZPower is dedicated to building a better battery technology. Our R&D has led to the creation of the ZPower Battery, a silver-zinc battery that can match and exceed the performance, safety and environmental benefits of any other rechargeable miniature battery.

| Performance Parameters                     |                  | Min   | Nominal | Max   | Units   |
|--|------------------|-------|---------|-------|---------|
| Dimensions                                 | Overall Height   | 5.25  | 5.35    | 5.45  | mm      |
|  | Overall Diameter | 11.44 | 11.47   | 11.49 | mm      |
|  | Weight           | -     | 2355    | -     | mg      |
| Capacity (full discharges)                 |                  | -     | 130     | -     | mAh     |
| Energy (full discharges)                   |                  | -     | 208     | -     | mWh     |
| Available Capacity (after partial cycling) |                  | 130   | 135     | 140   | mAh     |
| Available Energy (after partial cycling)   |                  | 208   | 216     | 224   | mWh     |
| Energy Density                             |                  | -     | 391     | 405   | Wh/L    |
| Open Circuit Voltage (full charge)         |                  | -     | 1.85    | -     | V       |
| Open Circuit Voltage (discharged)          |                  | -     | 1.6     | -     | V       |
| Discharge End Point Voltage                |                  | -     | 1.2     | -     | V       |
| Charge Current                             |                  | -     | 21      | -     | mA      |
| Charge Voltage                             |                  | -     | 2.00    | 2.01  | V       |
| Operating Temperature                      |                  | 0     | -       | 40    | °C      |
| Storage Temperature                        |                  | -20   | -       | 50    | °C      |
| Self-Discharge Rate                        |                  | -     | -       | 2.5   | %/month |

Note: All Performance Parameters are based on 25°C ambient temperature.



### Small On Size. Big On Power.

ZPower's silver-zinc rechargeable battery technology delivers over 40% more energy storage than other rechargeable miniature batteries.

### 400+ Recharges

Only ZPower's rechargeable silver-zinc battery technology can deliver over a year of dependable power, being recharged every day, without significant capacity fade.

### Eco-Friendly and Safe

ZPower's batteries are one of the most environmentally responsible batteries available. They are water-based, nonflammable and fully recyclable.

ZPower batteries have been tested by TUV Rheinland, passing all relevant UL2054 and IEC 62133 safety requirements.

### American-Made Power & Quality

Every ZPower battery is made by American workers at our manufacturing plant in Camarillo, California.