



**P/N: 3B36**  
**CSC93 DD**

a division of Greatbatch Ltd.  
9645 Wehrle Drive Clarence, NY 14031  
Tel: (716) 759-5800 Fax: (716) 759-2562  
[www.electrochempower.com](http://www.electrochempower.com)

• **Lithium / Sulfuryl  
Chloride Chemistry**

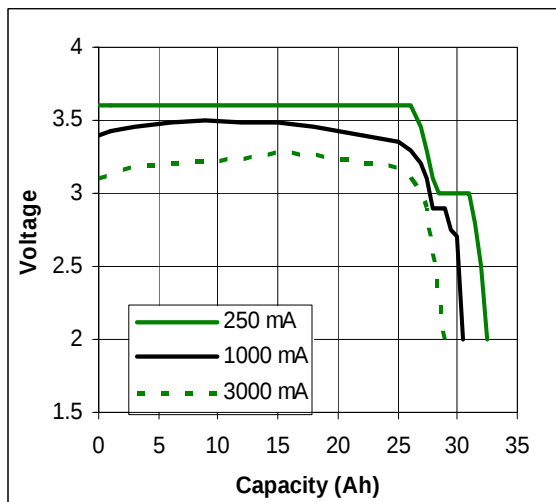
• **Custom cell terminations  
and battery packs available**

#### CELL SPECIFICATIONS:

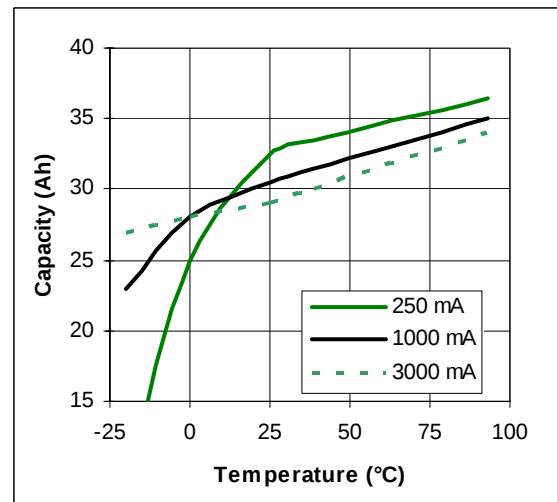
|                                   |                                    |
|-----------------------------------|------------------------------------|
| Open Circuit Voltage (25°C) ..... | 3.9 V                              |
| Rated Capacity .....              | 30 Ah                              |
| Rated Discharge Current .....     | 1.0 A                              |
| Maximum continuous current .....  | 4.0 A                              |
| Cell Diameter .....               | 33.5 mm (1.32 in.)                 |
| Cell Length .....                 | 111.4 mm (4.39 in.)                |
| Cell Weight .....                 | 213 g                              |
| Lithium weight .....              | 10.2 g                             |
| Safety Fuse .....                 | 7.0 A                              |
| Self Discharge .....              | 3% per year at 25°C                |
| Operating temperature .....       | -20°C to +93°C<br>(-4°F to +200°F) |

| Temperature Range |     |
|-------------------|-----|
| °C                | °F  |
| 200               | 392 |
| 190               | 374 |
| 180               | 356 |
| 170               | 338 |
| 160               | 320 |
| 150               | 302 |
| 140               | 284 |
| 130               | 266 |
| 120               | 248 |
| 110               | 230 |
| 100               | 212 |
| 90                | 194 |
| 80                | 176 |
| 70                | 158 |
| 60                | 140 |
| 50                | 122 |
| 40                | 104 |
| 30                | 86  |
| 20                | 68  |
| 10                | 50  |
| 0                 | 32  |
| -10               | 14  |
| -20               | -4  |
| -30               | -22 |
| -40               | -40 |
| -50               | -58 |
| -60               | -76 |

**25°C discharge**



**Capacity as a function of  
current and temperature**



**CSC93 - High Performance Lithium Cell**  
**Size DD**