



Custom design the MOLICEL® lithium-ion rechargeable battery into your mobile device.

The IMR-26700A cylindrical cell consists of a manganese dioxide positive electrode material and a graphitic carbon negative electrode providing 3.8V and 2900mAh.

**LITHIUM-ION RECHARGEABLE BATTERY**

**CELL SPECIFICATIONS**

|   |                       |
|---|-----------------------|
| Capacity (Nominal)                          | 2900 mAh              |
| Nominal Voltage                             | 3.8 V                 |
| Energy                                      | 11 Wh                 |
| Size (mm)                                   | 26.4 x 70 mm          |
| Weight                                      | 101 grams             |
| Energy Density<br>Volumetric<br>Gravimetric | 285 Wh/l<br>110 Wh/kg |

**OPERATING SPECIFICATIONS**

|  |                                  |
|--|----------------------------------|
| Operating Voltage                        | 4.2 V to 2.5 V                   |
| Charge Voltage                           | 4.2 V ± 50 mV                    |
| Cutoff Voltage                           | 2.5 V                            |
| Temperature Range<br>Discharge<br>Charge | -20 °C to 60 °C<br>0 °C to 45 °C |
| Maximum Discharge                        | 40 A                             |
| Maximum Charge                           | 7.4 A                            |

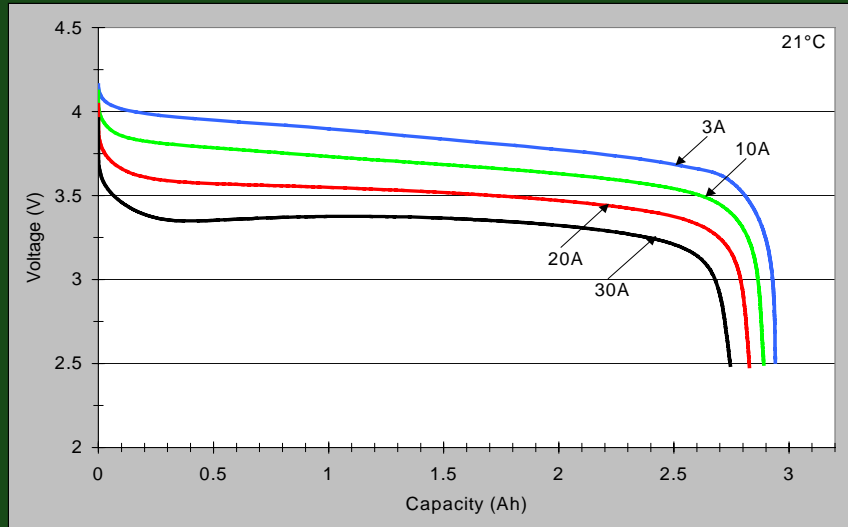
**STORAGE SPECIFICATIONS**

|  |                 |
|--|-----------------|
| Temperature Range<br>Recommended < 25 °C for extended storage periods. | -20 °C to 60 °C |
| Recommended Voltage Range  | 4.2 V to 2.5 V  |

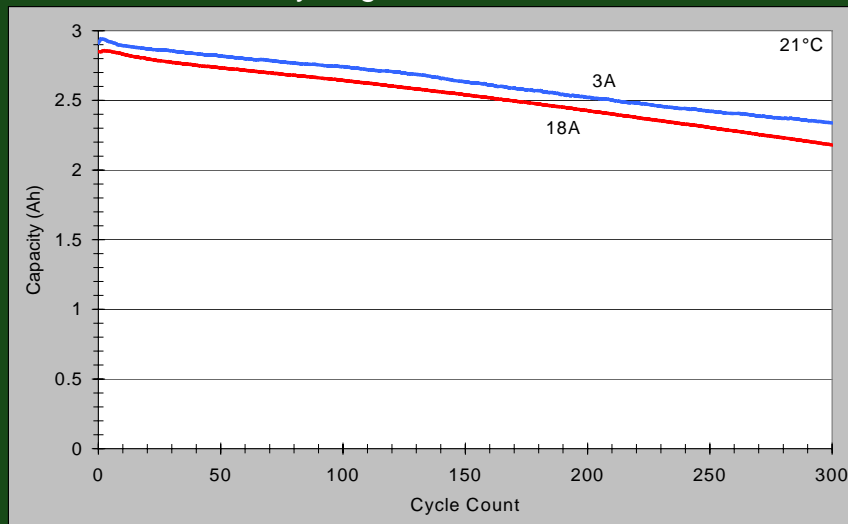
Please refer to Page 2 for cell discharge characteristics.

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 Information subject to change without notice.

### Constant Current Characteristics



### Cycling Characteristics



### Temperature Characteristics

