



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 Volumetric Gravimetric | 285 Wh/l 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 Discharge Charge | -20 °C to 60 °C 0 °C to 45 °C |
| Maximum Discharge | 40 A |
| Maximum Charge | 3.7 A |

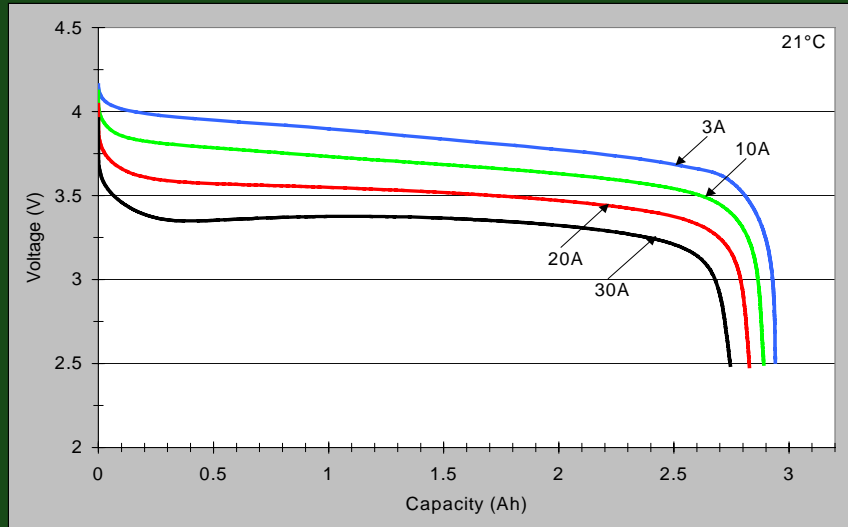
STORAGE SPECIFICATIONS

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

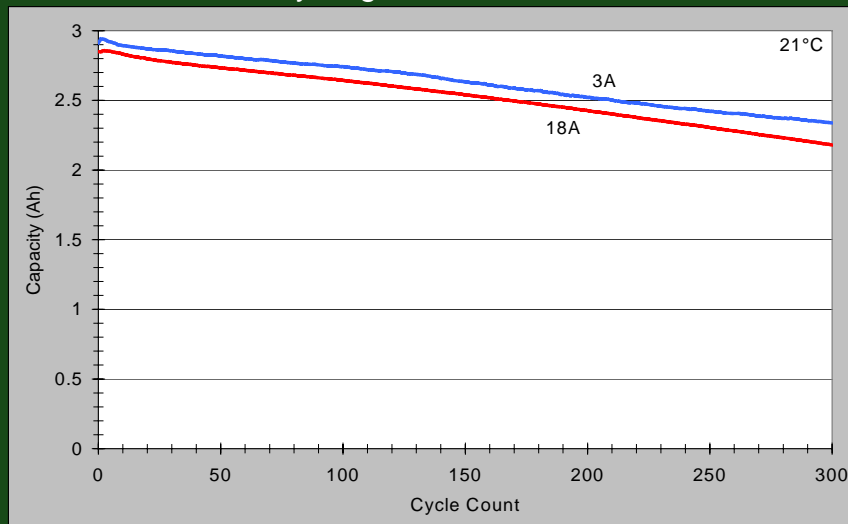
Please refer to Page 2 for cell discharge characteristics.

Issue Date: February 2005
 Information subject to change without notice.

Constant Current Characteristics



Cycling Characteristics



Temperature Characteristics

