



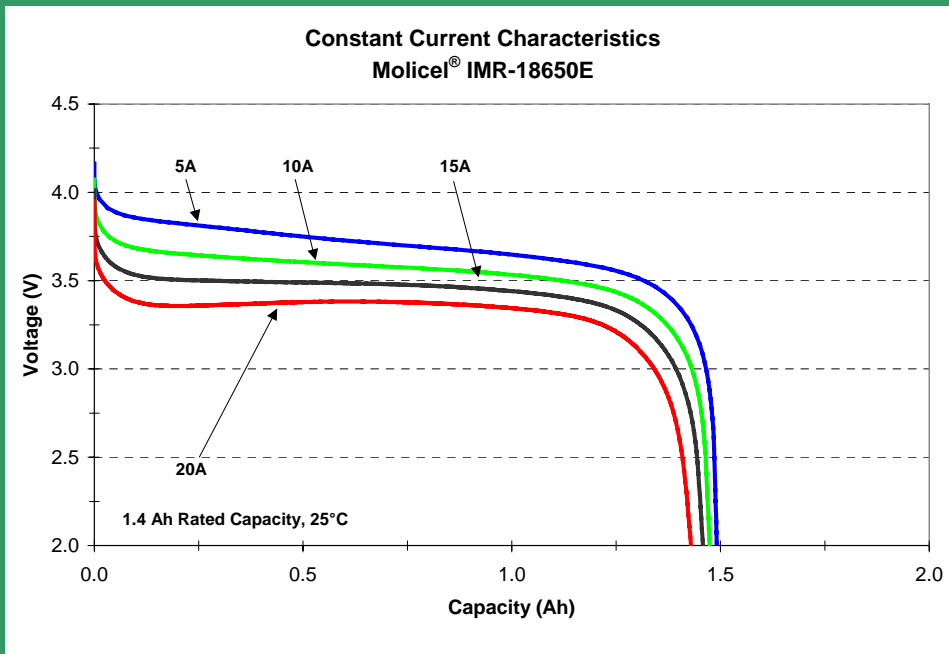
Custom design the MOLICEL® lithium-ion rechargeable battery into your power device.

The IMR-18650E cylindrical cell consists of a manganese dioxide positive electrode material and a graphitic carbon negative electrode providing 3.85V and volts and 1400mAh.

LITHIUM-ION RECHARGEABLE BATTERY

| CELL SPECIFICATIONS | |
|--|----------------------------------|
| Capacity (Nominal) | 1400 mAh |
| Nominal Voltage | 3.8 V (C-rate) |
| Energy | 5.32 Wh |
| Size (mm) | 18.24 x 65 mm |
| Weight | 42 grams |
| Cell Resistance (DC) | 32 mohm |
| Energy Density Volumetric Gravimetric | 315 Wh/l 126 Wh/kg |
| OPERATING SPECIFICATIONS | |
| Operating Voltage | 4.2 V to 2.5 V |
| Charge Voltage | 4.2 V ± 50 mV |
| Temperature Range Discharge Charge | -20 °C to 60 °C 0 °C to 45 °C |
| Maximum Discharge | 20 A |
| Maximum Charge | 6.5 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: November 2006 Information subject to change without notice. | |

Constant Current Characteristics



Cold Temperature Characteristics

