



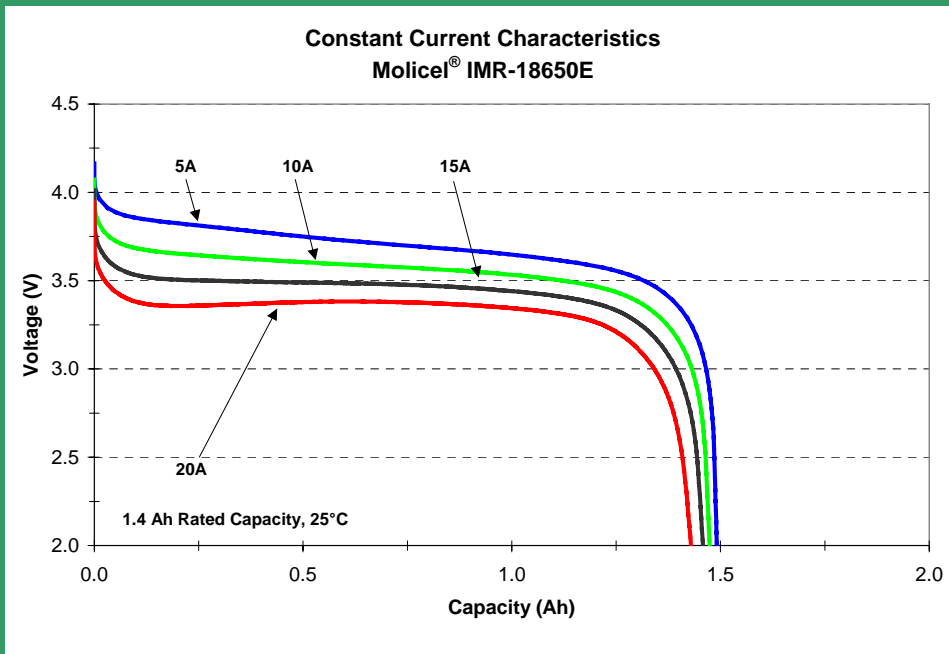
Custom design the MOLICEL® lithium-ion rechargeable battery into your power device.

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	2 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

