

E-ONE MOLI ENERGY



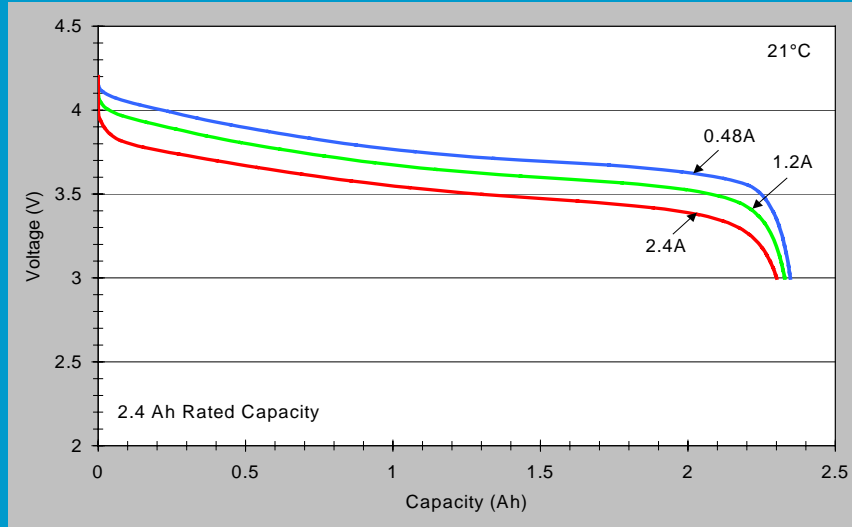
Custom design the MOLICEL® lithium-ion rechargeable battery into your mobile device.

The ICR-18650J cylindrical cell consists of a lithium cobalt positive electrode material and a graphitic carbon negative electrode providing 3.75V and volts and 2400mAh. This cell design requires pack control circuitry.

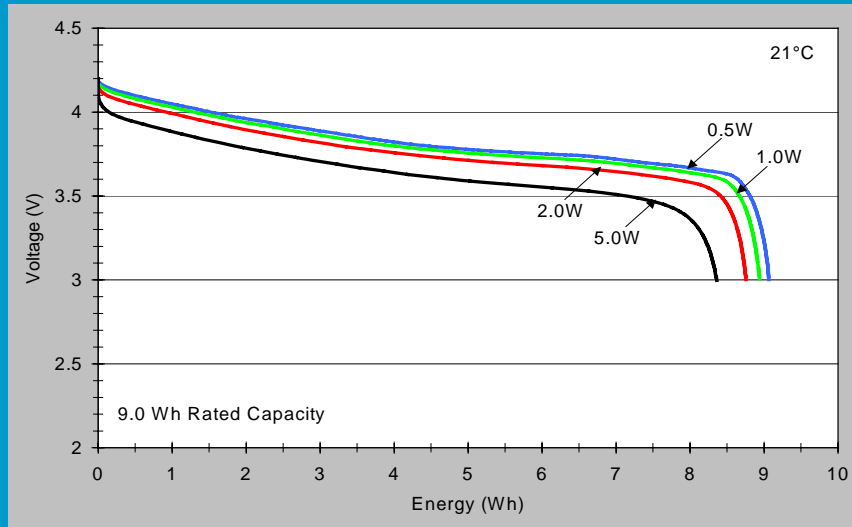
**LITHIUM-ION
 RECHARGEABLE BATTERY**

CELL SPECIFICATIONS	
Capacity (Nominal)	2400 mAh
Nominal Voltage	3.75 V
Energy	8.9 Wh
Size (mm)	18.24 x 65 mm
Weight	47 grams
Energy Density Volumetric Gravimetric	520 Wh/l 188 Wh/kg
OPERATING SPECIFICATIONS	
Operating Voltage	4.2 V to 3.0 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	4.0 A
Maximum Charge	2.4 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



Constant Power Characteristics



Temperature Characteristics

