

PRODUCT DATA SHEET

MODEL : IMR-26650C pg 1/2



E-ONE MOLI ENERGY



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

The IMR-26650 cylindrical cell consists of a manganese dioxide positive electrode material and a graphitic carbon negative electrode providing 3.8 volts and 3300 mAh.

LITHIUM-ION RECHARGEABLE BATTERY

CELL SPECIFICATIONS

Capacity (Nominal)	3300 mAh
Nominal Voltage	3.8 V
Energy	12.5 Wh
Size	φ26 x 65 mm
Weight	93 grams
Energy Density Volumetric Gravimetric	354 Wh/l 131 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 Current (Continuous)	5.0 A
Maximum Charge Current	3.0 A

STORAGE SPECIFICATIONS

Temperature Range Recommended < 25°C for extended storage periods.	-20°C to 60°C
Recommended Voltage Range	4.2 V to 3.0 V

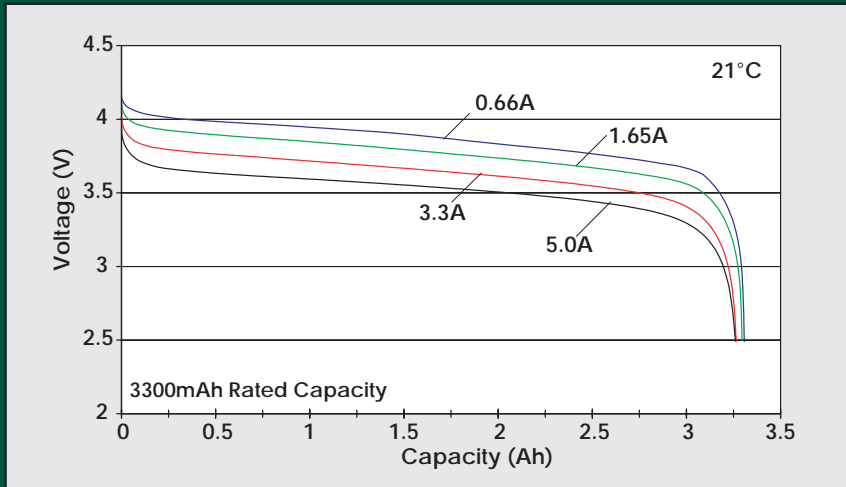
Please refer to Page 2 of this document for cell discharge characteristics.

Issue Date: August 2002
Information subject to change without notice.

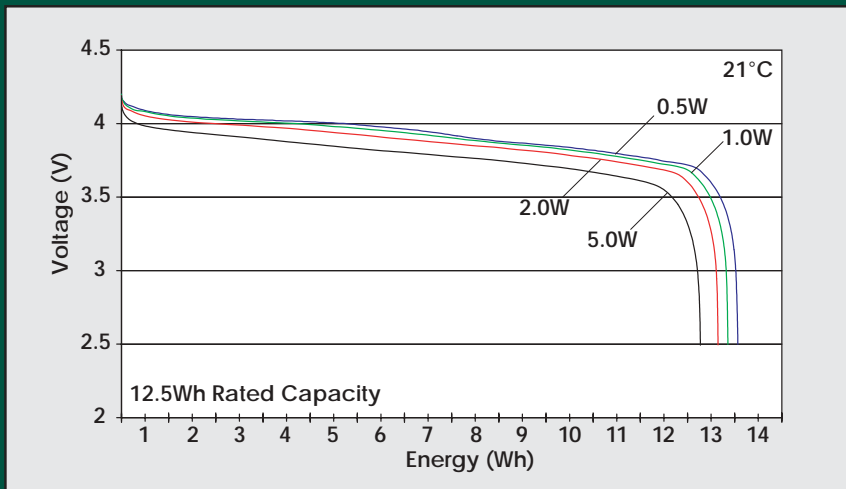
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Constant Current Characteristics



Constant Power Characteristics



Temperature Characteristics

