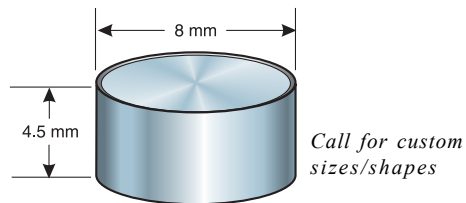


Model 845 Rechargeable Battery

Battery Type Rechargeable lithium-ion
Chemistry Anode—carbon
Cathode—metal oxide
Electrolyte—lithium salt in organic solvent

Dimensions Size 845



Nominal Capacity 10.0 mAh @ C/10 rate

Cumulative Capacity 6 Ah/70 KJ

1,200 Cycles, 50% DoD typ

Typical Charging Voltage 4.1 V

Typical Load Voltage 3.6–4.1 V

Cell Impedance, 1 Hz; 1 kHz 6–12 Ω ; 2–3 Ω

Cell Weight 0.5 g

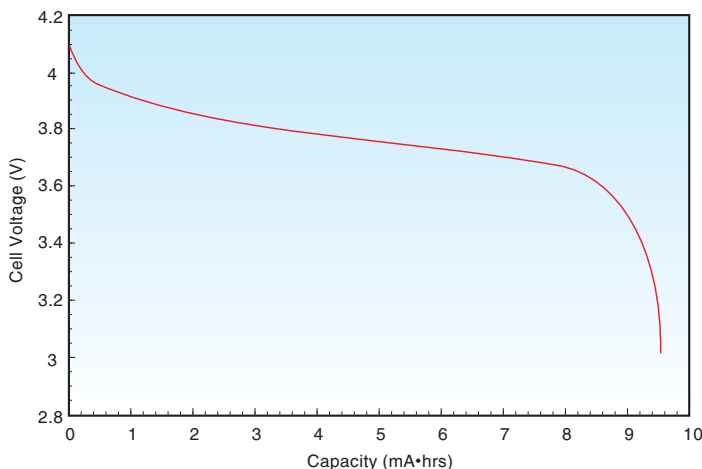
Nominal Discharge Rates 100 μ A to 10 mA

Pulse Rates Up to 200 mA

Self-Discharge Rate 0.1 μ A (8–10%/yr)

Cycle Life 500–2,000 cycles

Operating Temperature 10–40° C



Voltage vs. capacity for the 845 cell @ 21°C (70°F).

Constant current/constant voltage charge protocol.

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