

Primary Lithium Battery: ER22G68
Chemistry: Lithium Thionyl Chloride
Cross Reference: TL-5186

Electrical Characteristics

Typical values for cells stored one year or less at temperature 30°C max.

Nominal Voltage:	3.6V
Nominal Capacity:	400mAh @ 0.5mA, 25°C, 2.0V cut-off.
Maximum Recommended Continuous Current:	5mA
Maximum Pulse Current Capacity:	10mA
Rated 1 sec. Pulse Capacity (to 3.0V):	5mA
Operating Temperature Range:	-55°C / +85°C
Typical Weight:	6g
Dimensions:	diameter 22.5mm x height 7.5mm
Storage Temperature: (Recommended Max.)	+30°C

Power leads and support pins are solder tinned.

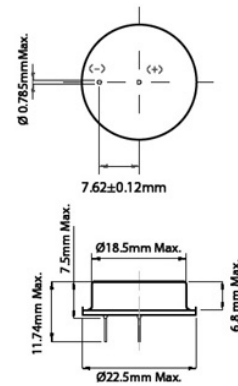
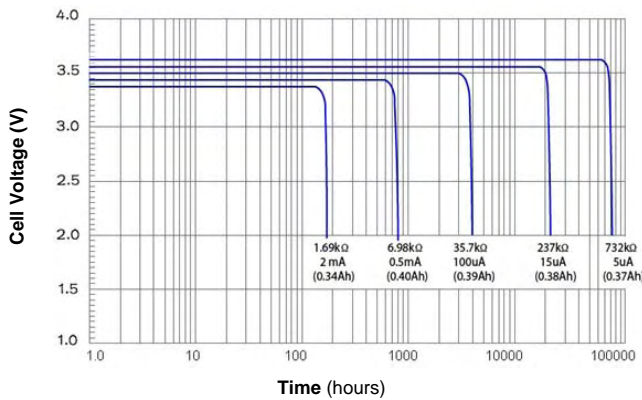
Features

- ♦ High energy density
- ♦ High working voltage
- ♦ Stability of performance
- ♦ Wide operating temperature
- ♦ Low self discharge rate
- ♦ Hermetic glass-to- metal sealing
- ♦ UL Recognition File No. MH 45994

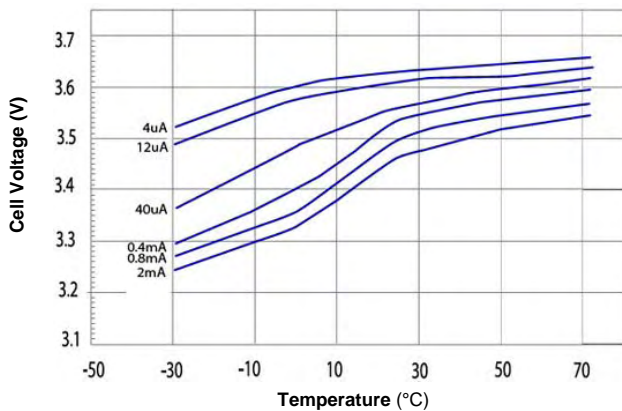
Applications

- ♦ Utility metering
- ♦ Alarms and monitoring systems
- ♦ Tollgate systems
- ♦ Memory back-up
- ♦ Tracking systems
- ♦ ATM machines
- ♦ RF electronics

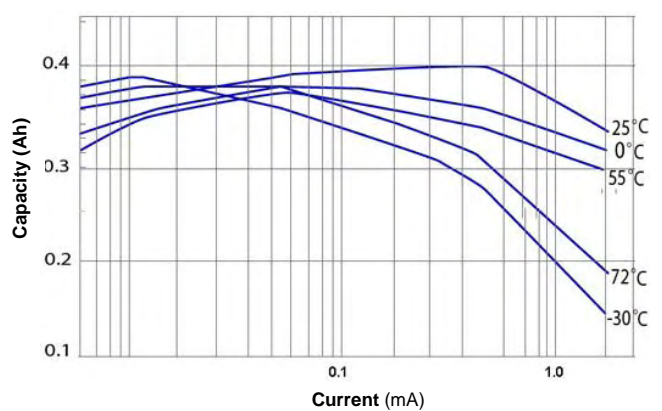
Typical Discharge Characteristics



Voltage versus Current and Temperature



Capacity versus Current and Temperature



WARNING ♦ Fire, explosion and severe burn hazard.
 ♦ Do not recharge, short circuit, crush, disassemble, heat above 100°C (212°F), incinerate, or expose contents to water.

Product specifications are subject to change without prior notice. Please contact BiPOWER for update information.