BiPOWER

P/N: ER32065
Size Ref: 1/10D, ER32L65

HIGH CAPACITY BOBBIN LITHIUM CELL
Lithium Thionyl Chloride (Li/SOCl2)

Cross Reference
TL-4934, TL5134, TL5934

ELECTRICAL CHARACTERISTICS

(Typical values for cells in storage for 12 months or less at +25°C (77°F) max.)

Nominal Voltage:	3.6V
Nominal capacity: (Discharged at 1mA, +25°C, 2.0V cut off. Discharge capacity may vary with current drain, temperature and cut off voltage)	1.0Ah
Maximum recommended continuous current: (To obtain 50% of nominal capacity at +25°C to 2.0V cut-off)	10mA
Maximum pulse current: Rated 1 sec. pulse capacity (to 3.0V) (Pulse capacity varies with cell, discharge and application onditions)	50mA 20mA
Operating temperature range: (Operation at different temperatures may lead to changes in capacity)	-55°C / +85°C (-67°F / +185°F)
Storage temperature (recommended max.):	+30°C (86°F)
Typical weight:	19g

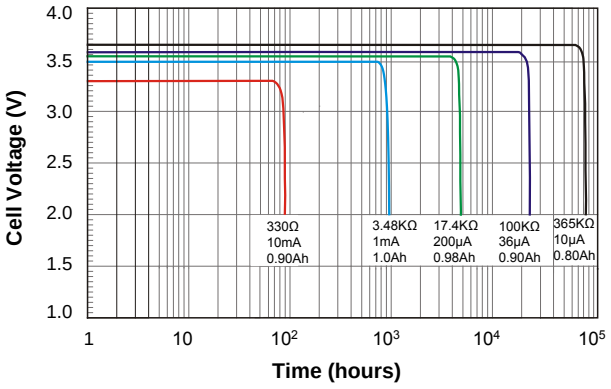
Features

- Stainless steel container
- Hermetic glass-to-metal sealing
- Extreme long operation
- Very low self discharge rate
- Wide range operation temperature
- UL Recognition File No. MH45994

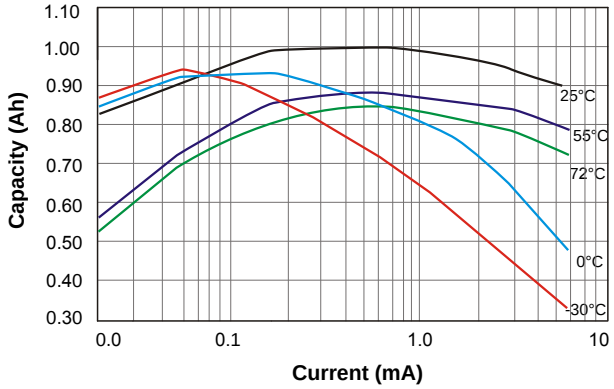
Applications

- AMR / Utility metering
- Electronic toll collection
- Radio communication
- Alarms / security systems
- RF transmitters
- Medical equipment
- Memory back-up
- Automotive electronics

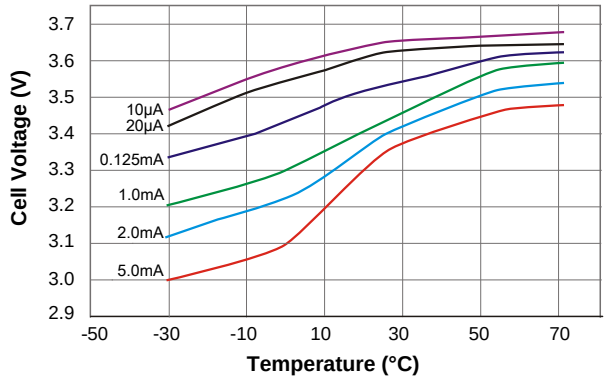
Typical discharge profile at 25°C

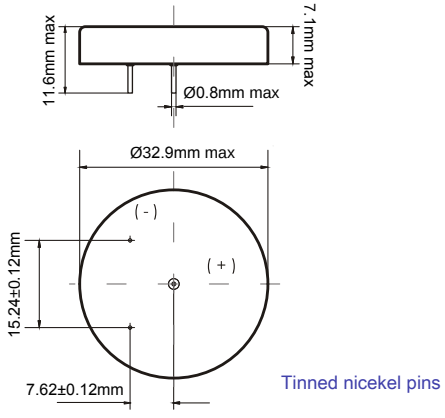


Capacity versus Current and Temperature



Voltage versus Current and Temperature





Tinned nickel pins

BiPOWER CORP.

2560 Corporate Place, Suite D203 . Monterey Park, CA 91754 USA . Tel: (323) 981-9498 . Fax: (323) 981-9468 . www.bipowerusa.com . sales@bipowerusa.com