POWER-XTRA

Lithium Battery

ER14250 3.6V 1250 mAh

Lithium Battery

Non-Rechargeable

Images

- ✓ Nominal Capacity : 1250 Mah
  Discharged Capacity at 1mA,+25°C, 2.0V Cut off
- ✓ Open Circuit Voltage : 3.65V
- ✓ Maximum Recommended Continuous Current : 25Mah
  Discharged to 2.0V at + 25°C permitting %50 of the nominal capacity to be achieved
- ✓ Max. Pulse Capability : 100Mah
  D100Mah,0.1 second pulses every 2 min, drained with %50, 1mA at 25°C from Dundicharged cells with 20uA base current, yield voltage readings above 2.7V , the value may vary according to the pulse charecteristics, the temperature and the cell's previous histroy
- ✓ Operating Temperature Range: -55°C+85°C

Benefits

- ✓ High voltage, stable during most of the application's lifetime
- ✓ Wide operating temperature range
- ✓ Low self-discharge rate *(less than 1 % per year of storage at + 20°C)*
- ✓ Easy integration into compact systems
- ✓ Superior resistance to atmospheric corrosion

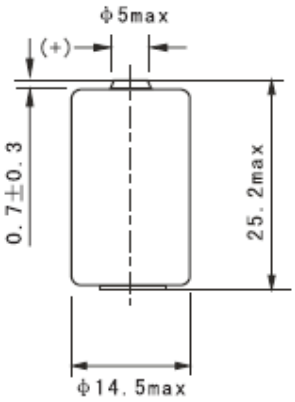
Key features

- ✓ Stainless steel container and end caps *(low magnetic signature)*
- ✓ Hermetic glass-to-metal sealing
- ✓ Non-flammable electrolyte
- ✓ Compliant with IEC 86-4 safety standard and IEC 60079-11 intrinsic safety standard
- ✓ Underwriters Laboratories *(UL)* Component Recognition *(File Number MH 12609)*
- ✓ Non-restricted for transport

Main applications

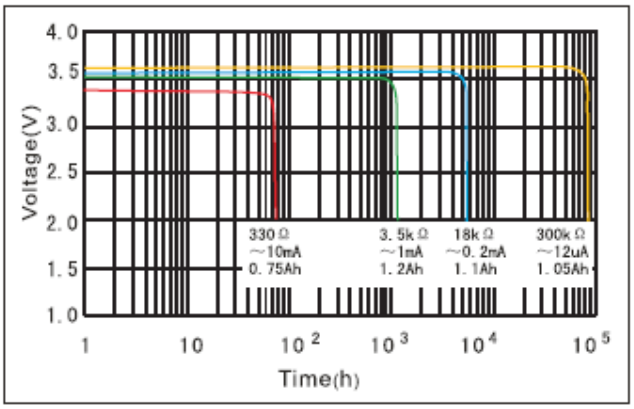
- ✓ Utility metering
- ✓ Automatic meter reading
- ✓ Alarms and security devices
- ✓ Memory back-up
- ✓ Computer real-time clocks
- ✓ Tracking systems
- ✓ Automotive electronics
- ✓ Professional electronics

Technical Drawing

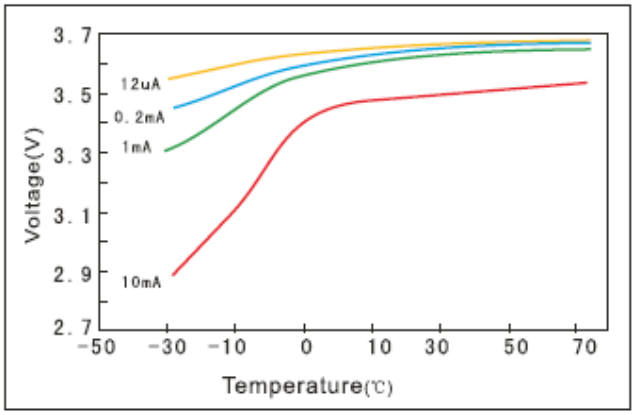


Dimensions in mm
Weight:9g

Typical Discharge Characteristics at 25°C



Voltage and Temperature Curve



Capacity and Current Curve (Cut off with 2.0V)