XENO ENERGY XL-060F-LM

Thionyl Chloride Lithium Battery
SIZE:AA, ER14505

SPECIFICATIONS

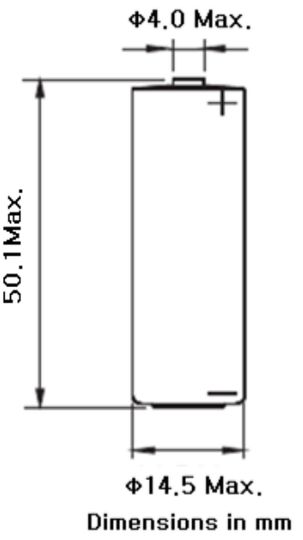
Low Magnetic Signature

(Typical values stored at 20℃ for one year)

▪ **Nominal capacity** (at 2mA/20℃/68℉/2.0V cut-off)	**2.4Ah**
▪ **Nominal voltage**	**3.6V**
▪ **Max. recommended continuous current** (Higher current can be available upon consulting)	**60mA**
▪ **Max. pulse current capability★**	**120mA**
▪ **Operating temperature range**	**-55 ~+85℃**
▪ **Lithium metal content**	**approx. 0.7g**
▪ **Weight**	**17g**
▪ **Volume**	**8.0㎤**
▪ **UL Approval**	**MH28122**

Max Pulse Capability

Maximum Pulse capability reading over 3.0V at 120mA/0.1sec. ever y 2 min. at +20℃ , 10㎂ / ㎠ base current with fresh batteries. The pulse capability can be different to the cell status, environment. Fo r max. pulse coverage, capacitor support is recommended.



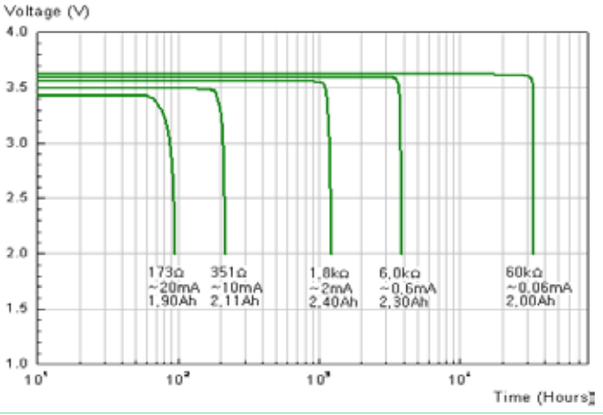
Available Terminal Type

STD,T1, T2, T3, T3/R, T3EU, T3EU/R, AX, Wire, Connector

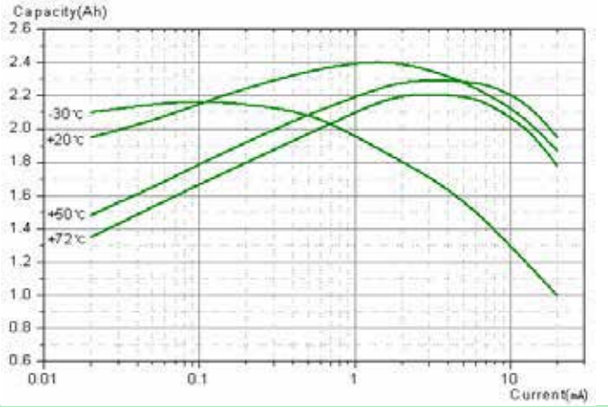
Storage Condition

Please store batteries at clean, cool (not over +30°C), dried (less than 30% RH) and ventilated condition

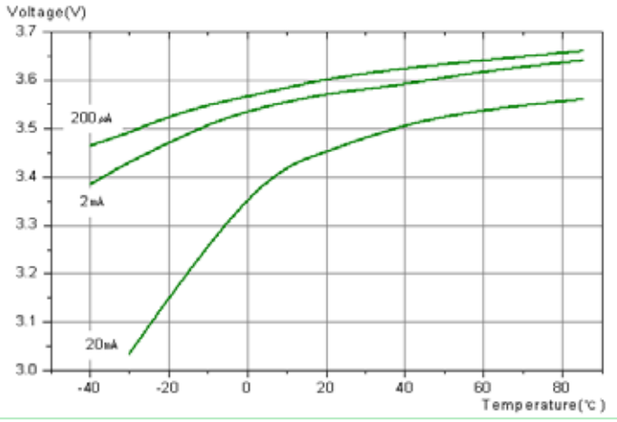
Discharge Characteristics at +20℃



Capacity versus Current



Operating Voltage



Major Features

Low Self Discharge Rate

- less than 1.5% after 1 year storage at 20'C
- less than 18% after 10 year storage at 20'C

Typical Magnetic Signature

- less than 200nT (2mGauss) at 6mm
- less than 10nT (0.1mGauss) at 127mm
- less than 3nT (0.03mGauss) at 300mm

Applications

Seismic Surveying, Scientific Equipment, Buoys, Oceanographic Instrumentations