

# MODEL TLP-93111/A/SM

Ordering: P/N 61931111400

Termination: Flying Leads

## TECHNICAL DATA

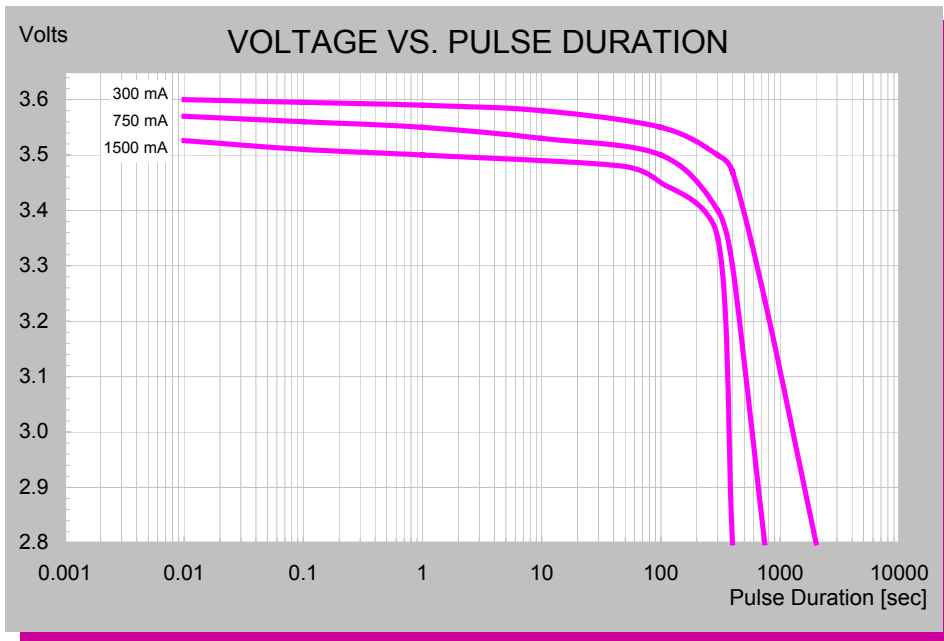
(Typical values @+25°C for batteries stored for one year or less)

■ Capacity to 3.0V (@0.5A @1% duty cycle)	19 Ah
■ Nominal voltage	3.6 V
■ Maximum 1 second pulse to 3.0V	3 A
■ Maximum pulse length @0.5A to 2.8V	1000 sec
■ Delay time to 3.0V @0.5A	No Delay
■ Weight	140 gr
■ Operating temperature range	-40°C to +85°C
■ Capacity retention after 10 years	96%

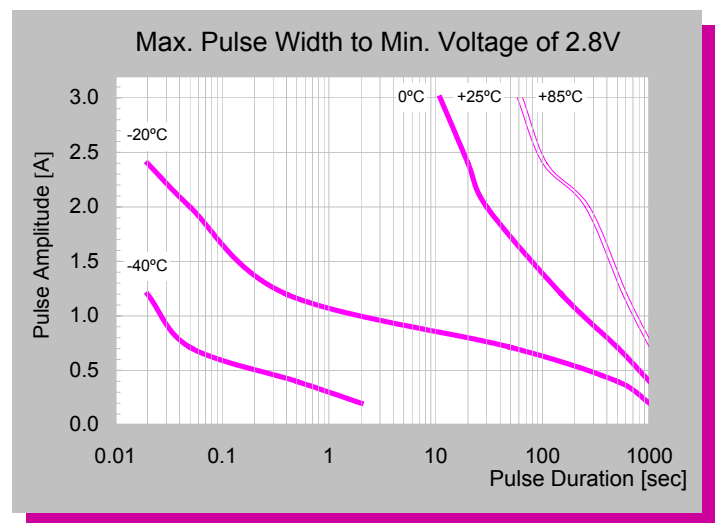
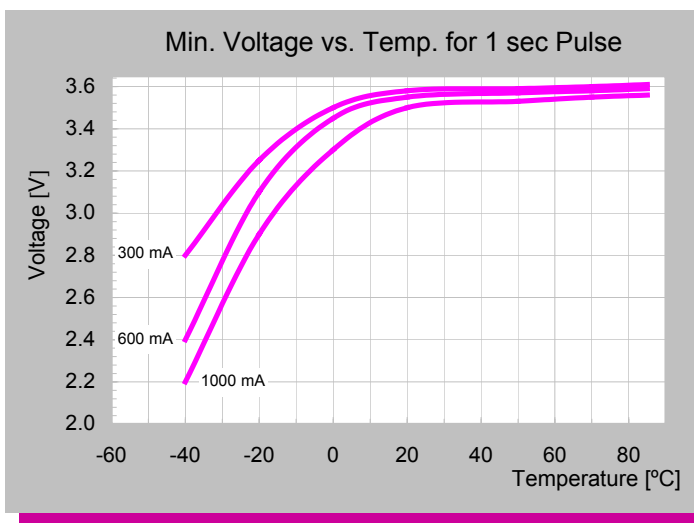
**TADIRAN  
LITHIUM  
BATTERIES**

**PulsesPlus™**

- HIGH ENERGY
- UP TO 3A PULSE CAPABILITY
- INSTANT VOLTAGE RESPONSE
- NO PASSIVATION EFFECT



See dimensions on the next page



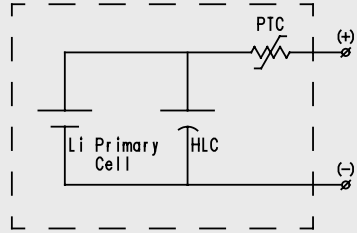
**For High Pulse Current Applications**

Note: Any presentations in this data sheet concerning performance are for information purpose only and are not construed as warranties either expressed or implied, of future performance. Rev. C Dec/04

# MODEL TLP-93111/A/SM

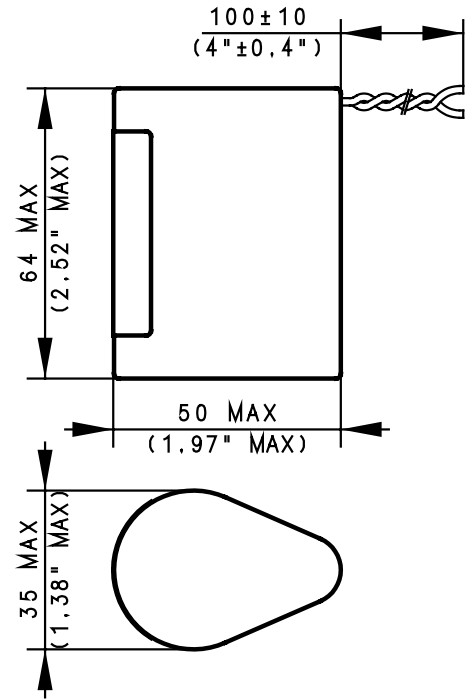
The battery is designed specifically for applications requiring low background currents combined with high current pulses. The Pulses Plus™ battery combines the inherent benefits of bobbin type Lithium Thionyl Chloride cell with a novel hermetically sealed Hybrid Layer Capacitor (HLC). The addition of the HLC enhances the performance of the Lithium Thionyl Chloride cell to meet large pulse current requirements, thus providing greater performance and safety in comparison to jellyroll construction (spirally wound) type batteries.

\* The PTC is optional and not necessary in many cases.

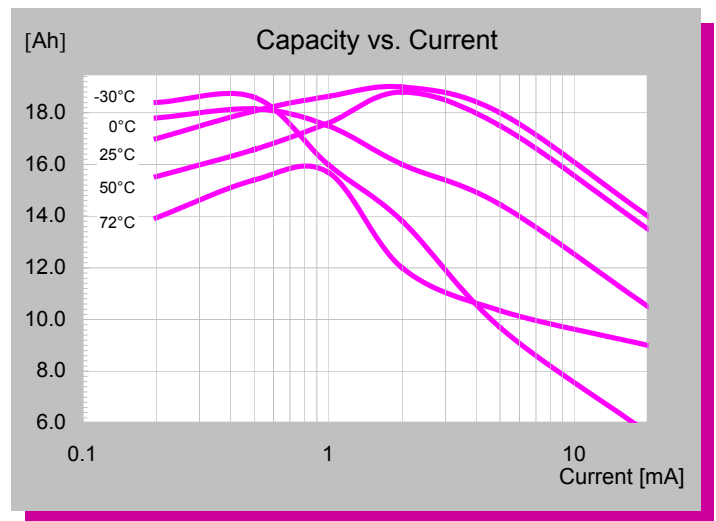
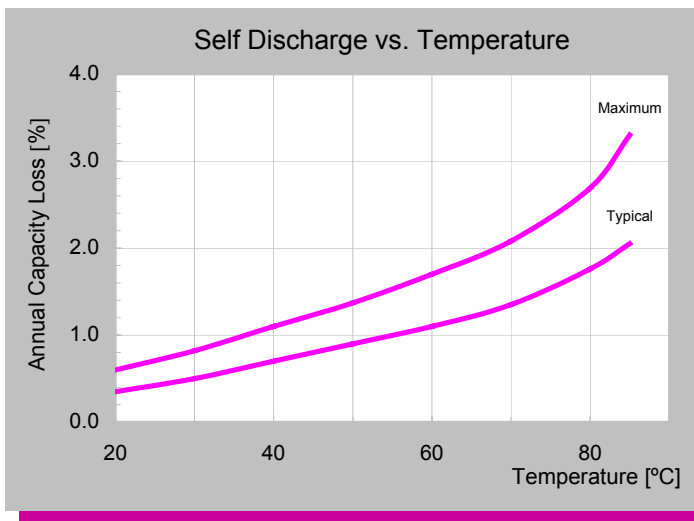
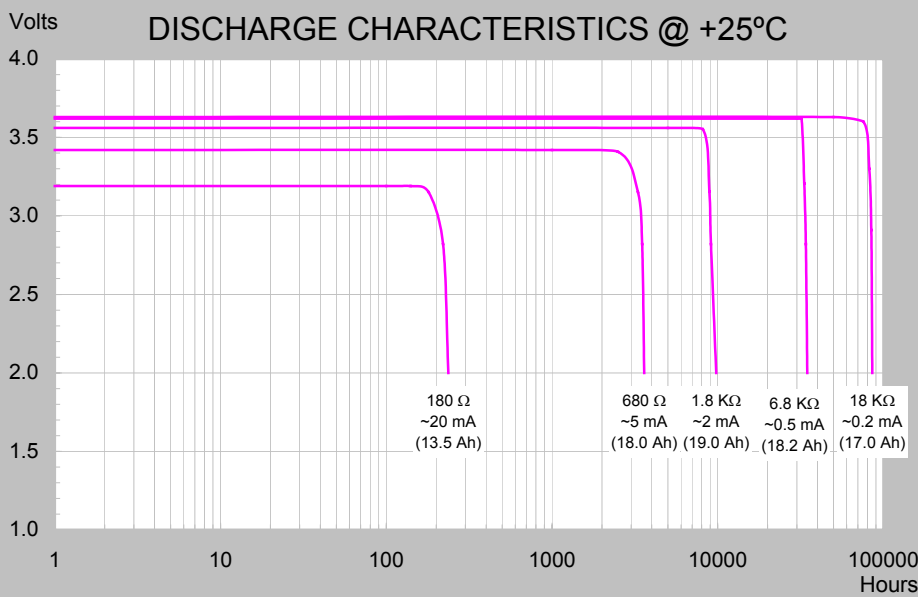


## TADIRAN LITHIUM BATTERIES

### PulsesPlus™



Note: For best performance battery should be mounted in the application in upright or horizontal position.



## For High Pulse Current Applications

Note: Any presentations in this data sheet concerning performance are for information purpose only and are not construed as warranties either expressed or implied, of future performance.

Rev. C Dec/04