MODEL TLP-93311/A/SM

Ordering: P/N 61933111600 Termination: Flying Leads

TADIRAN LITHIUM BATTERIES

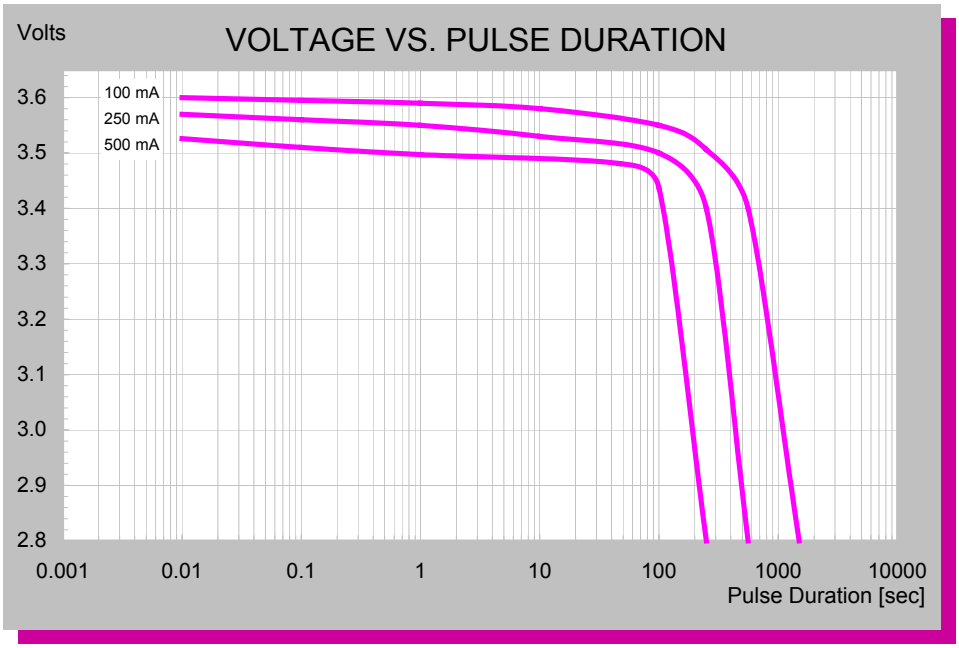
PulsesPlus™

TECHNICAL DATA

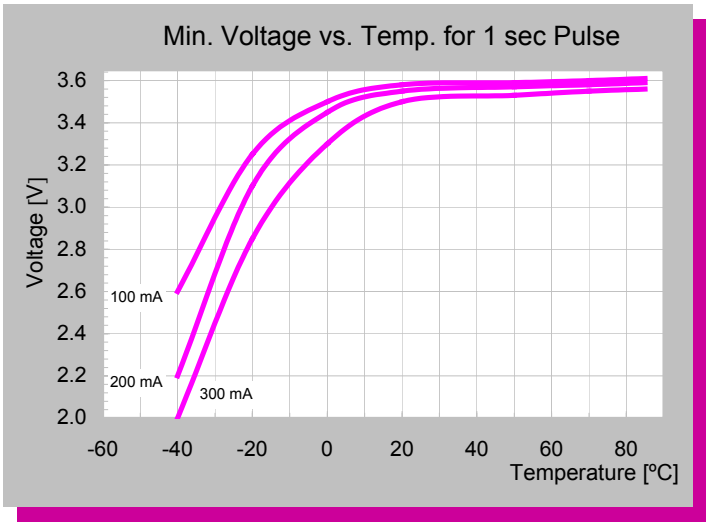
(Typical values @+25ºC for batteries stored for one year or less)

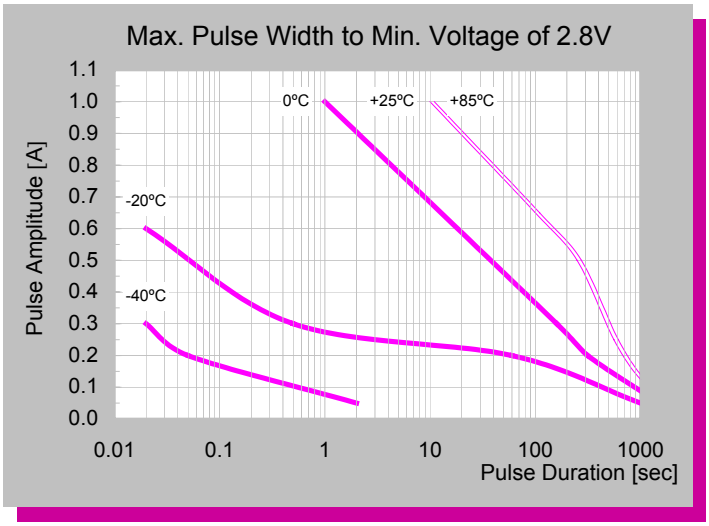
Capacity to 3.0V (@250mA @1% duty cycle)	19 Ah
Nominal voltage	3.6 V
Maximum 1 second pulse to 3.0V	1 A
Maximum pulse length @125mA to 2.8V	1000 sec
Delay time to 3.0V @125mA	No Delay
Weight	120 gr
Operating temperature range	-40ºC to +85ºC
Capacity retention after 10 years	96%

- ***HIGH ENERGY***
- ***UP TO 1A PULSE CAPABILITY***
- ***INSTANT VOLTAGE RESPONSE***
- ***NO PASSIVATION EFFECT***



Diameter (max.) – 34 mm
Length (max.) – 78 mm





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

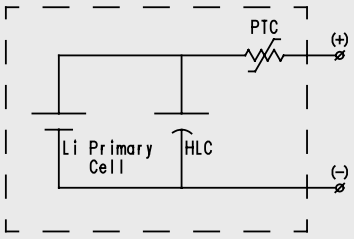
MODEL TLP-93311/A/SM

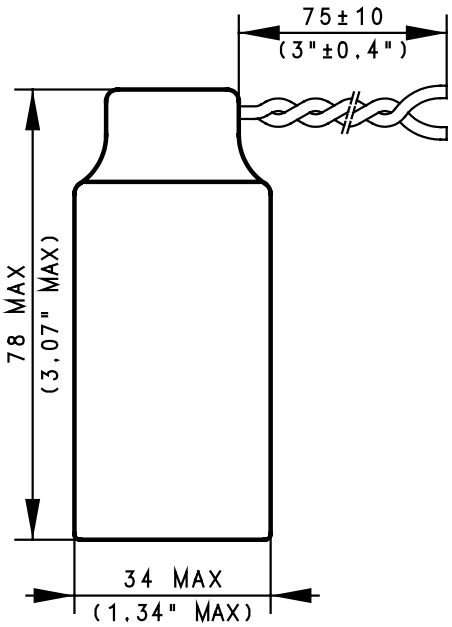
TADIRAN LITHIUM BATTERIES

PulsesPlus™

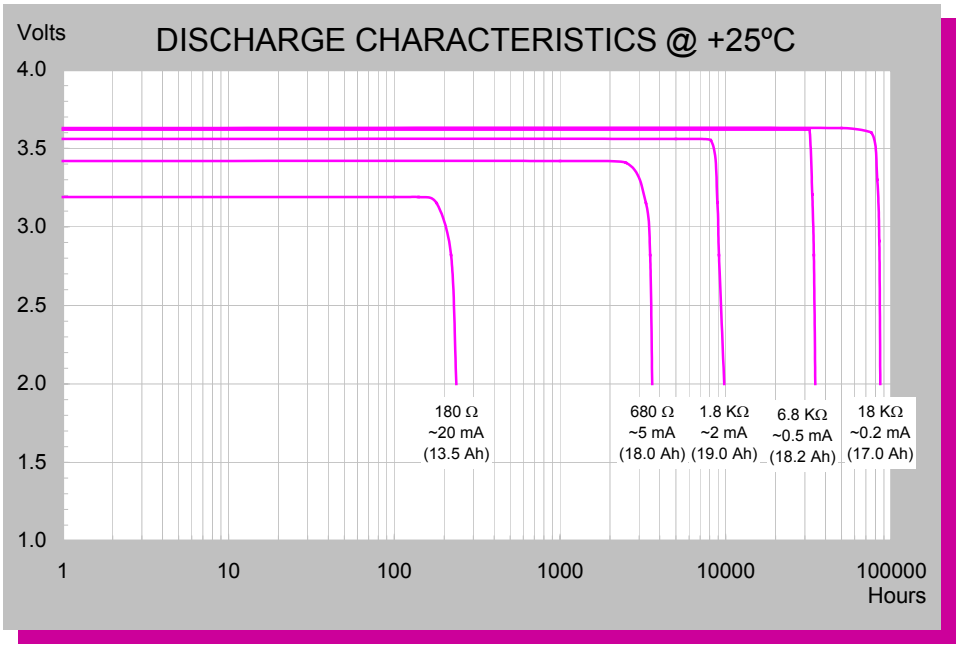
The battery is designed specifically for applications requiring low background currents combined with high current pulses. The Pulses Plus™ battery combines the inherent benefits of bobbin type Lithium Thionyl Chloride cell with a novel hermetically sealed Hybrid Layer Capacitor (HLC). The addition of 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.

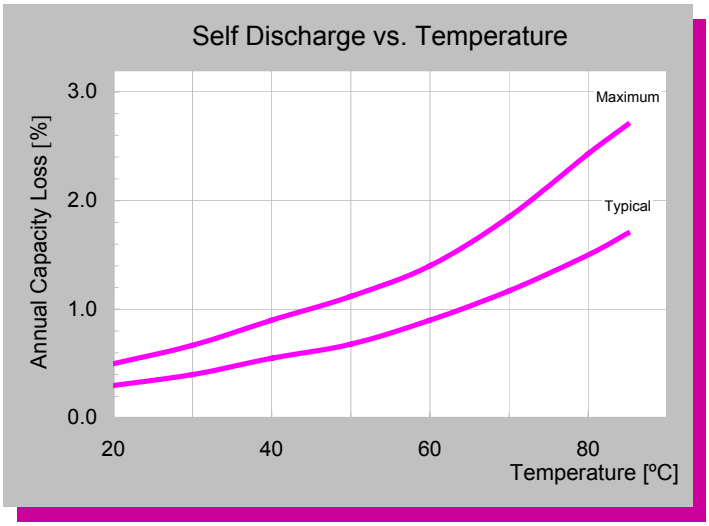
* The PTC is optional and not necessary in many cases.

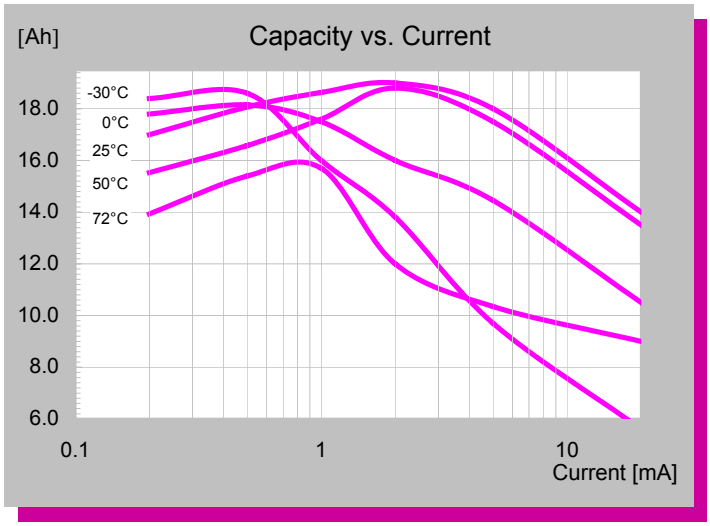




Note: For best performance battery should be mounted in the application in upright or horizontal position.







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