MODEL TLP-91311/A/SM

Ordering: P/N 61913111600 Termination: Pressure Contacts

TADIRAN LITHIUM BATTERIES

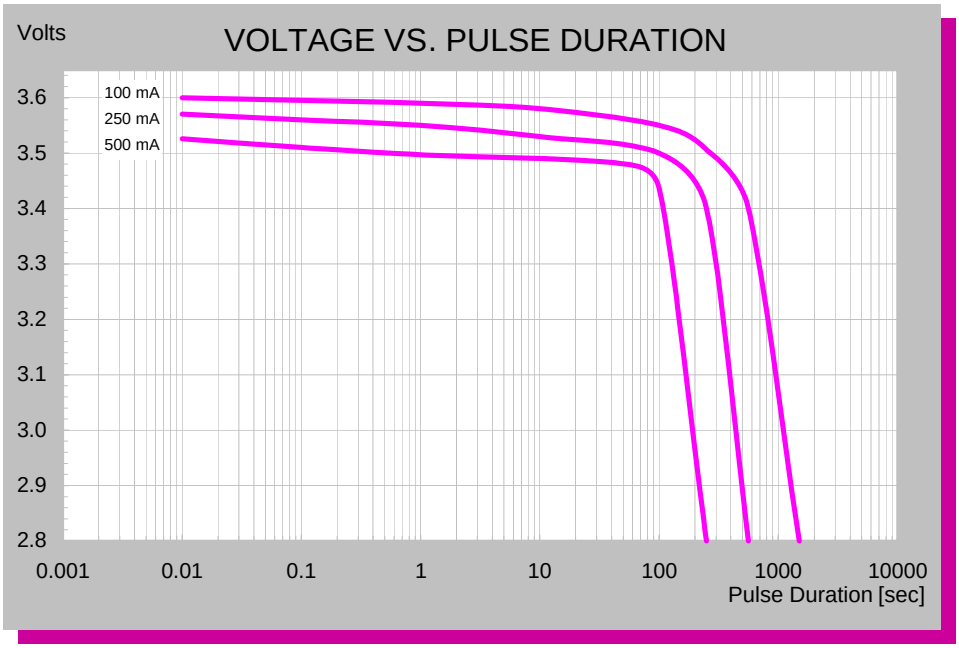
PulsesPlus™

TECHNICAL DATA

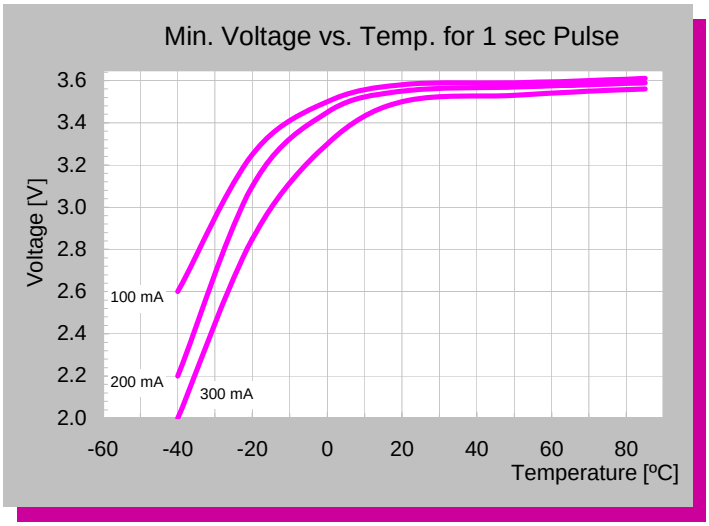
(Typical values @+25 ºC for batteries stored for one year or less)

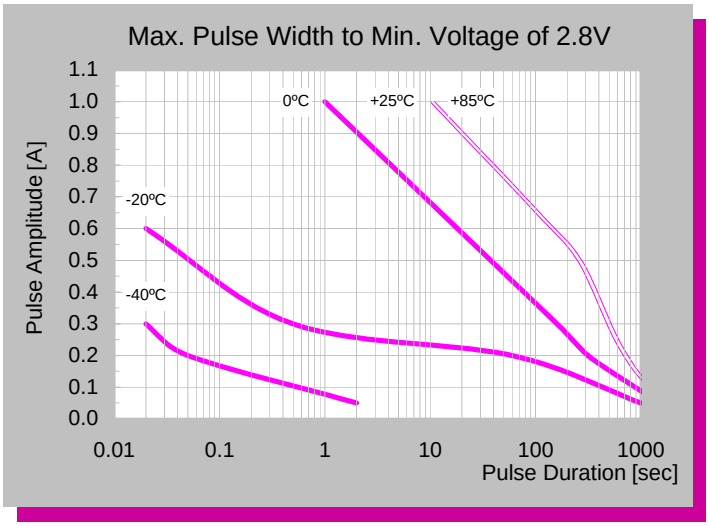
Capacity to 3.0 V (@250 mA @1% duty cycle)	2.4 Ah
Nominal voltage	3.6 V
Maximum 1 second pulse to 3.0 V	1 A
Maximum pulse length @125 mA to 2.8 V	1000 sec
Delay time to 3.0 V @125 mA	No Delay
Weight	40 gr
Operating temperature range	-40 ºC to +85 ºC
Capacity retention after 10 years	90 %

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



Diameter (max.) – 16.5 mm
Length (max.) – 75 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.

ECN 6100625 Rev. D June/07

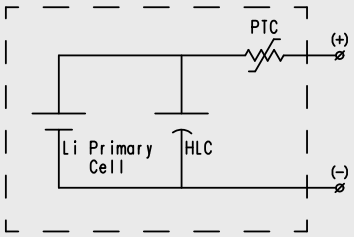
MODEL TLP-91311/A/SM

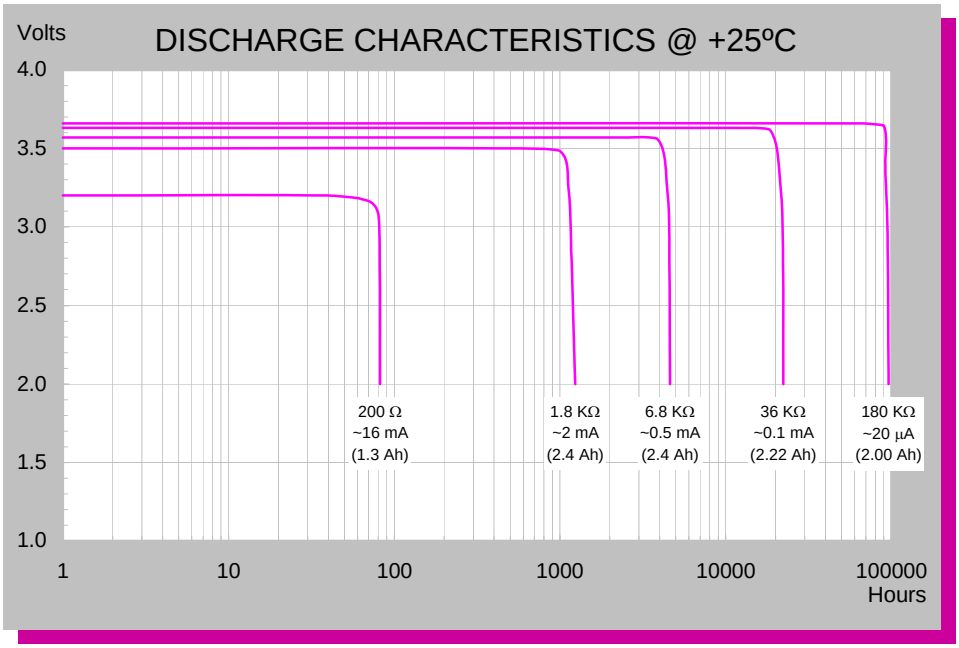
TADIRAN LITHIUM BATTERIES

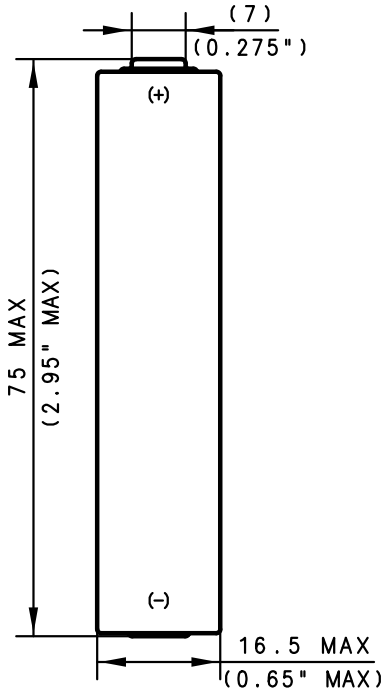
PulsesPlus™

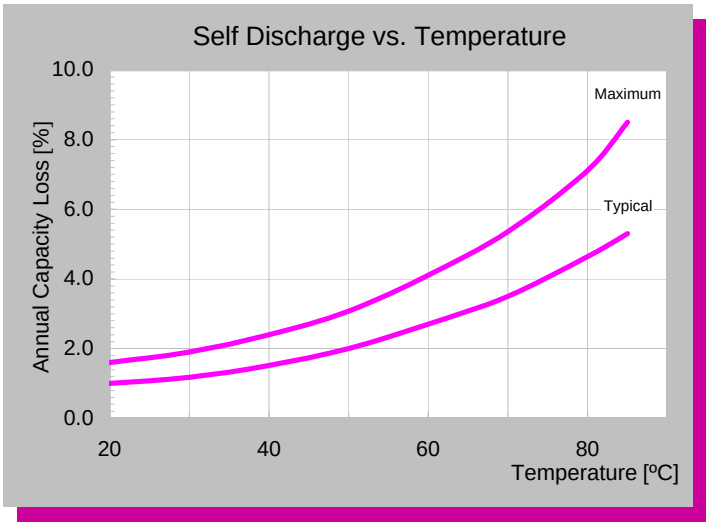
The battery is designed specifically for applications requiring low background currents combined with high current pulses. The Pulses Plus™ battery combines the inherent benefits of bobbin type Lithium Thionyl Chloride cell with a novel hermetically sealed Hybrid Layer Capacitor (HLC). The addition of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

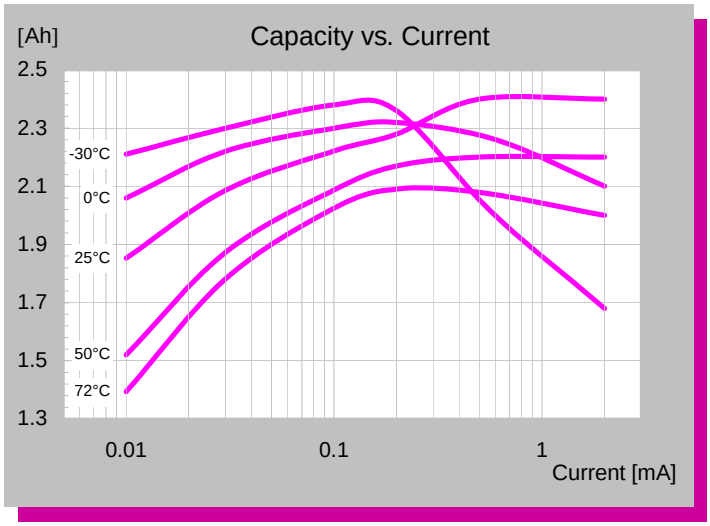
* The PTC is optional and not necessary in many cases.











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.

ECN 6100625 Rev. D June/07