MODEL TL-5937
International size reference: DD, ER32L1245

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

- Nominal capacity @ 10 mA, to 2 V: 35 Ah
- Rated voltage: 3.6 V
- Maximum recommended continuous current: 450 mA
- Maximum pulse current capability: 1000 mA
- Weight: 190 g (6.702 oz)
- Volume: 105 cc
- Operating temperature range: -55 °C to +85 °C
- Li metal content: approx. 10 g
- U.L. Component Recognition, MH 12193

TERMINATIONS & ORDERING NO.
SUFFIX- /S STANDARD 15-5937-21500
SUFFIX- /T SOLDER TABS 15-5937-31500

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.
**CELL FEATURES**
- 3.6 V Primary lithium-thionyl chloride (Li-SOCl2)
- Fast voltage recovery after long term storage and/or usage
- High energy density
- High and stable operating voltage
- Low self discharge rate
- Bobbin construction
- Hermetic glass-to-metal-sealing

**VOLTAGE RESPONSE AFTER STORAGE**

![Graph showing voltage response after storage](image)

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Voltage (Volts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>After 1 year</td>
<td>3.4</td>
</tr>
<tr>
<td>After 2 years</td>
<td>3.2</td>
</tr>
<tr>
<td>After 5 years</td>
<td>3.0</td>
</tr>
<tr>
<td>After 8 years</td>
<td>2.8</td>
</tr>
<tr>
<td>After 10 years</td>
<td>2.6</td>
</tr>
</tbody>
</table>

Pulse applied: 120 mA for 100 msec
Temperature: RT
Background current: 100 µA

**MAIN APPLICATIONS**
- Utility meters (elect., water & gas)
- Automatic meter reading
- RF systems
- Sensors & monitoring systems
- Tracking systems
- Wireless security systems
- Automotive electronics
- Industrial electronics
- Ultra Low Power (ULP)

**STORAGE CONDITIONS**
- Cells should be stored in a clean & dry (less than 30% RH) area

For updated information please visit our website [www.tadiranbat.com](http://www.tadiranbat.com)

**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 1501879  Rev. B 11/08