

product specs: standard lithium cells



iXtra Series - Cylindrical Cells

| Model Data Sheet | Cell Size Ref | Catalog No. | Nominal Voltage (V) | Nominal Capacity (Ah) | Nominal Discharge Current (mA) | Temperature range (°C) | Maximum Dimensions | | | | Available Terminations |
|--------------------------|---------------|---------------|---------------------|-----------------------|--------------------------------|------------------------|--------------------|-------|--------|-------|------------------------|
| | | | | | | | Diameter | | Height | | |
| | | | | | | | (mm) | (in) | (mm) | (in) | |
| TLL-5902 | 1/2 AA | 15-5902-yy530 | 3.6 | 1.10 | 1.0 | -55° to +85° | 14.5 | 0.571 | 25.2 | 0.992 | S P T TP PT PT2 |
| TL-5955 | 2/3 AA | 15-5955-yy500 | 3.6 | 1.50 | 1.3 | -55° to +85° | 14.5 | 0.571 | 33.5 | 1.319 | S P T TP PT PT2 |
| TL-5903 | AA | 15-5903-yy500 | 3.6 | 2.40 | 2.0 | -55° to +85° | 14.5 | 0.571 | 50.5 | 1.998 | S P T TP PT PT2 |
| TL-5920 | C | 15-5920-yy500 | 3.6 | 8.50 | 3.0 | -55° to +85° | 26.2 | 1.031 | 50.0 | 1.970 | S T |
| TL-5930 | D | 15-5930-yy500 | 3.6 | 19.00 | 4.0 | -55° to +85° | 32.9 | 1.295 | 61.5 | 2.421 | S T |
| TL-5937 | DD | 15-5937-yy500 | 3.6 | 35.00 | 10.0 | -55° to +85° | 32.9 | 1.295 | 124.5 | 4.902 | S T |

NOTES:

The standard termination codes are listed in the table above. Customized terminations are available upon request.

| TERMINATION SUFFIX | /S | /T | /P | /TP | /PT | /PT2 |
|--------------------|----|----|----|-----|-----|------|
| yy | 21 | 31 | 41 | 52 | 53 | 36 |

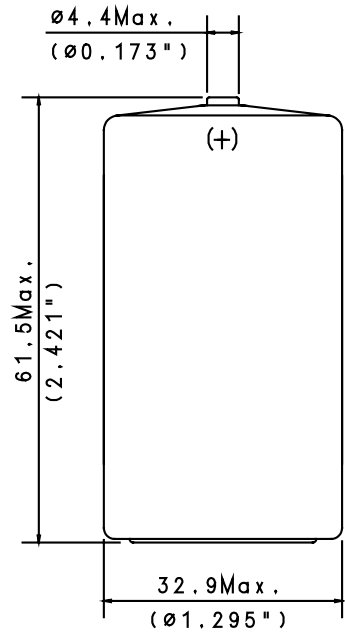
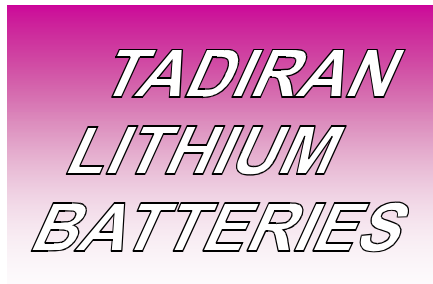
MODEL TL-5930

International size reference: D, ER32L615

TECHNICAL DATA

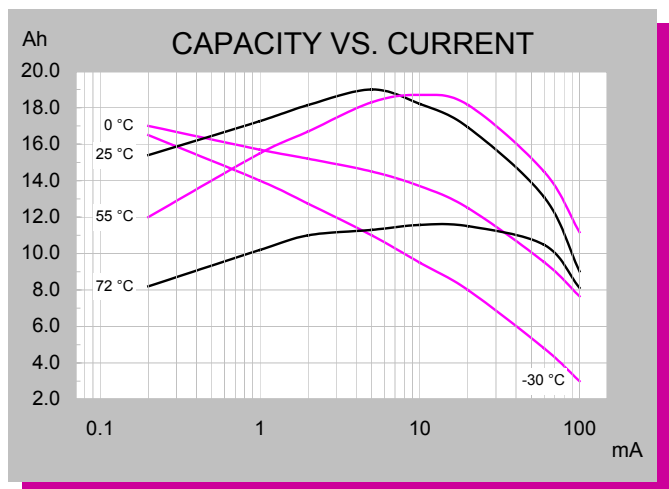
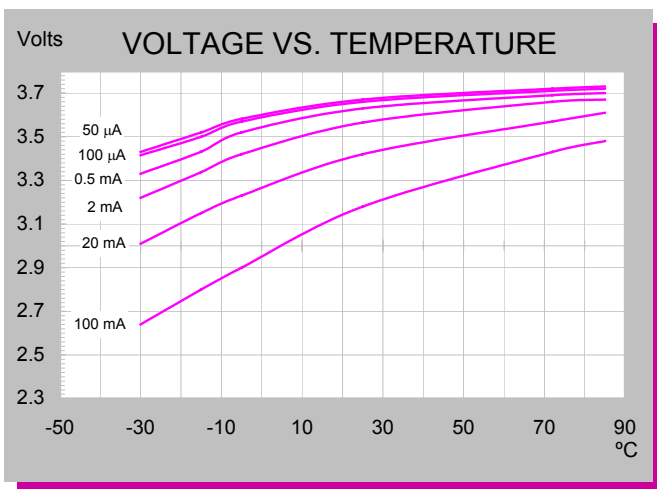
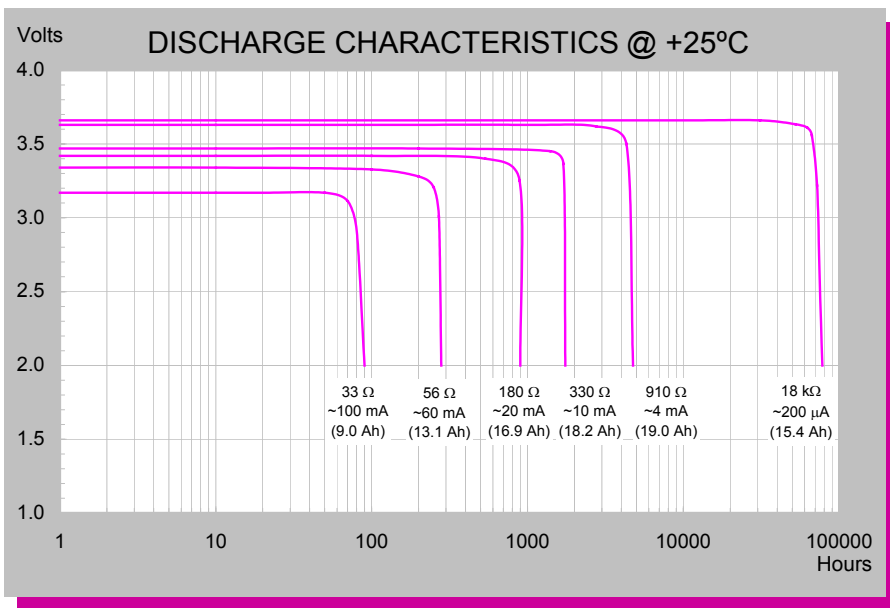
(Typical values @ +25°C for batteries stored for one year or less)

- Nominal capacity @ 4 mA, to 2 V 19 Ah
- Rated voltage 3.6 V
- Maximum recommended continuous current 230 mA
- Maximum pulse current capability 500 mA
- Weight 93 g (3.28 oz)
- Volume 51 cc
- Operating temperature range -55 °C to +85 °C
- Li metal content approx. 5 g
- U.L. Component Recognition, MH 12193



TERMINATIONS & ORDERING NO.

SUFFIX- /S STANDARD 15-5930-21500
 SUFFIX- /T SOLDER TABS 15-5930-31500



iXtra - Long Term High Performance

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

TL-5930

CELL FEATURES

- 3.6 V Primary lithium-thionyl chloride (Li-SOCI₂)
- Fast voltage recovery after long term storage and/or usage
- High energy density
- Low self discharge rate
- Bobbin construction
- Hermetic glass-to-metal-sealing
- Non-flammable electrolyte
- Restricted for transportation (Class 9 worldwide)
- Non-restricted within the US

TADIRAN LITHIUM BATTERIES

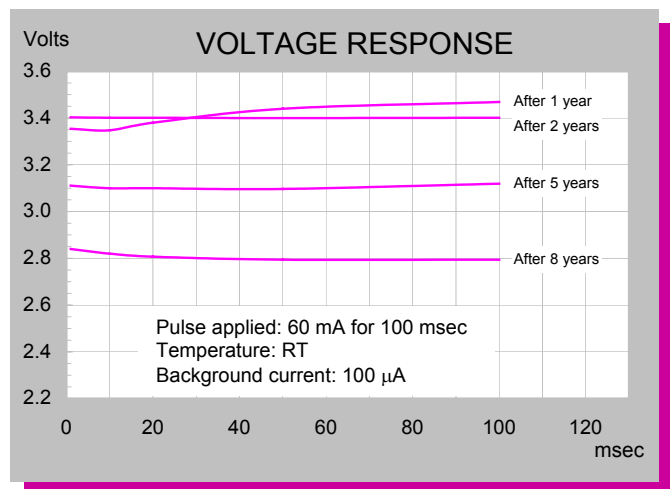
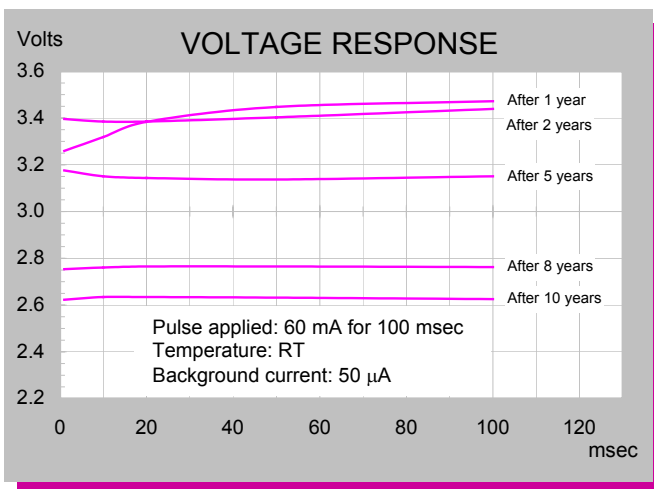
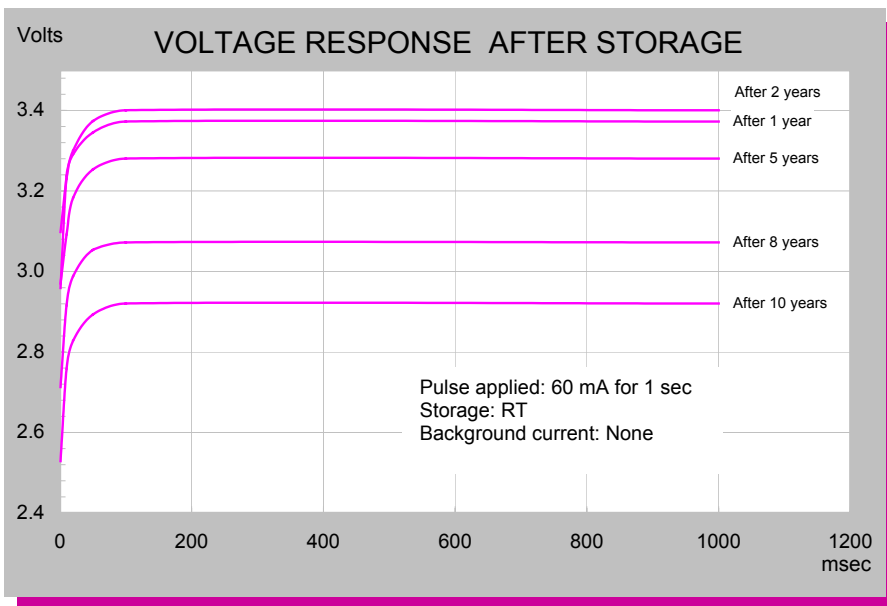
MAIN APPLICATIONS

- 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) devices
- Others

STORAGE CONDITIONS

- Cells should be stored in a clean & dry (less than 30 % RH) area
- Temp. should not exceed +30 °C

For updated information please visit our website www.tadiranbat.com



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