

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 I 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 I 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 I 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 I
TL-5930	D	15-5930-yy500	3.6	19.00	4.0	-55° to +85°	32.9	1.295	61.5	2.421	S I
TL-5937	DD	15-5937-vv500	3.6	35.00	10.0	-55° to +85°	32.9	1.295	124.5	4.902	S I

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

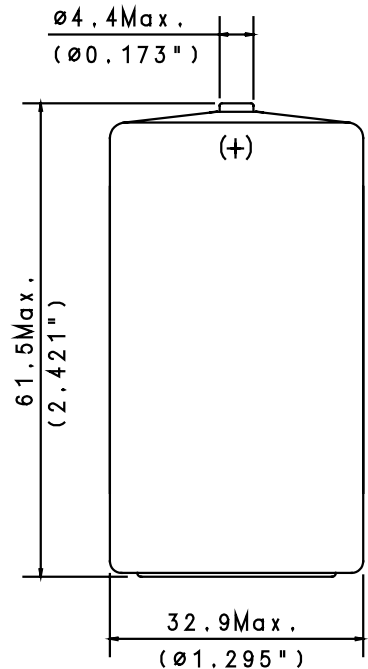
International size reference: D, ER32L615

TECHNICAL DATA

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

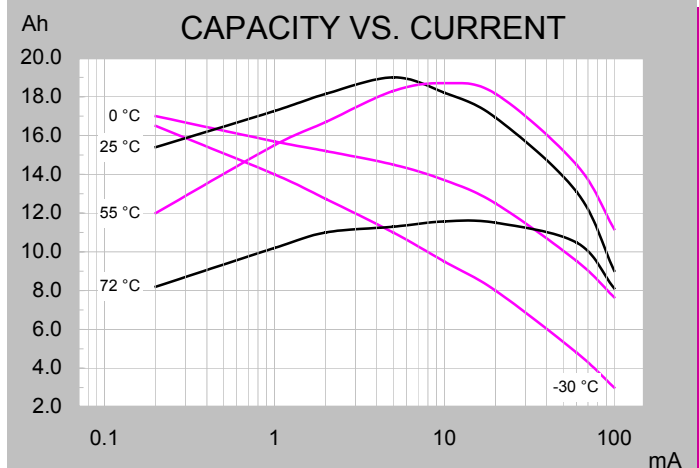
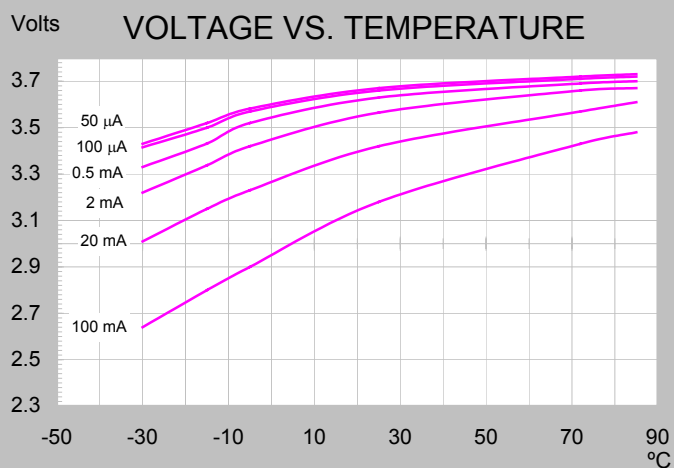
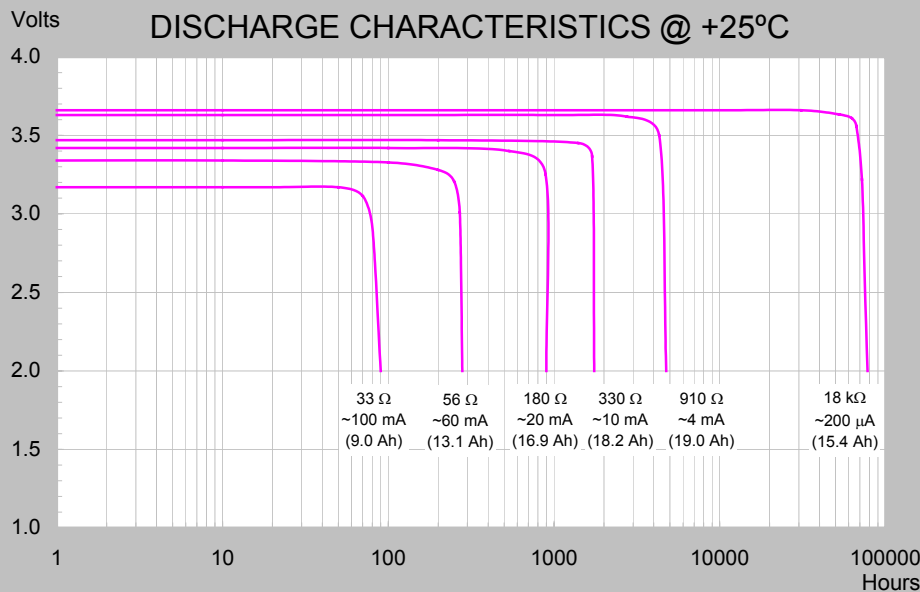
■ Nominal capacity @ 4 mA, to 2 V	19 Ah
■ Rated voltage	3.6 V
■ Maximum recommended continuous current	230 mA
■ Maximum pulse current capability	500 mA
■ Weight	93 g (3.28 oz)
■ Volume	51 cc
■ Operating temperature range	-55 °C to +85 °C
■ Li metal content	approx. 5 g
■ U.L. Component Recognition, MH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

TADIRAN LITHIUM BATTERIES



TERMINATIONS & ORDERING NO.

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



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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-SOCl₂)
- 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

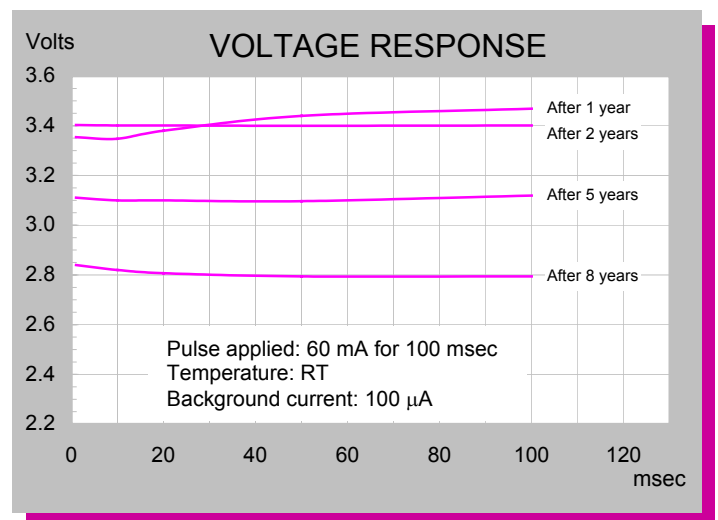
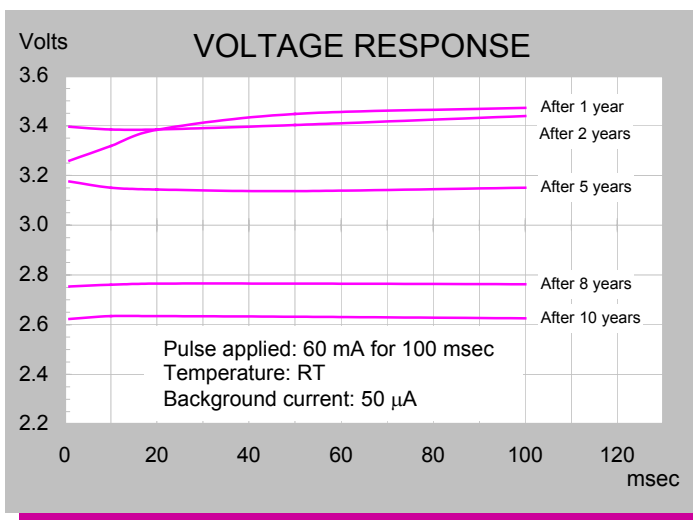
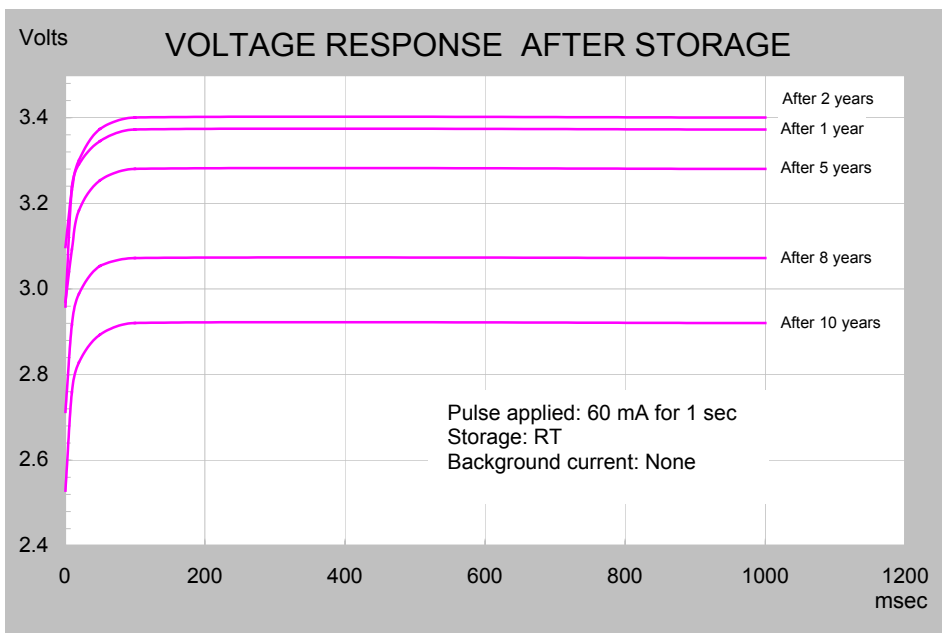
MAIN APPLICATIONS

- 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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