

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-5903

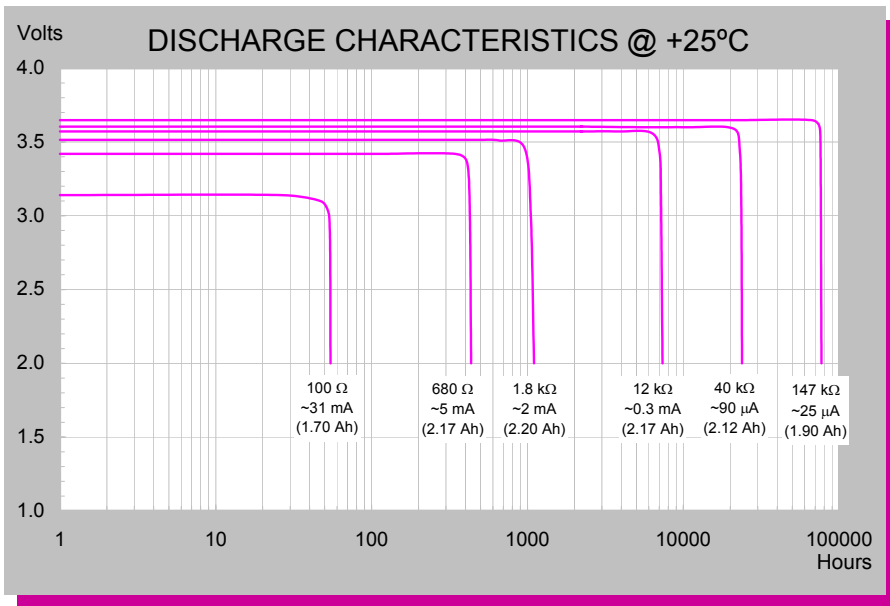
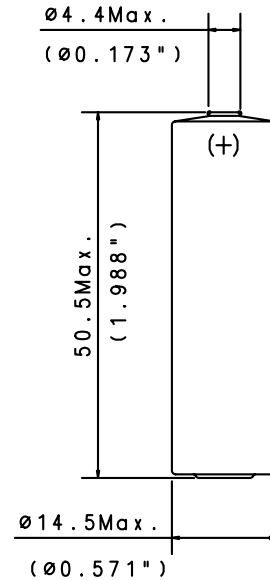
International size reference: AA, ER14505

TECHNICAL DATA

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

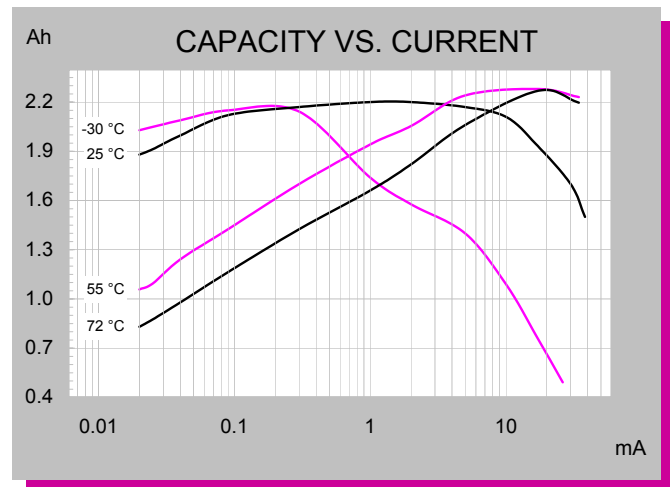
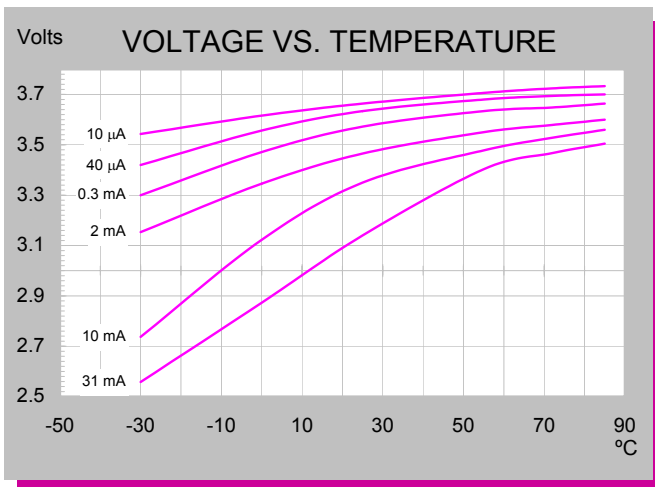
■ Nominal capacity	2.4 Ah
■ Rated voltage	3.6 V
■ Maximum recommended continuous current	100 mA
■ Maximum pulse current capability	200 mA
■ Weight	18 g (0.635 oz)
■ Volume	8 cc
■ Operating temperature range	-55 °C to +85 °C
■ Li metal content	approx. 0.65 g
■ U.L. Component Recognition, MH 12193	

TADIRAN
LITHIUM
BATTERIES



TERMINATIONS & ORDERING NO.

SUFFIX- /S STANDARD	15-5903-21500
SUFFIX- /T SOLDER TABS	15-5903-31500
SUFFIX- /P AXIAL PINS	15-5903-41500
SUFFIX- /PT2 RADIAL PINS	15-5903-36500
SUFFIX- /TP POLARIZED TABS	15-5903-52500
SUFFIX- /PT POLARIZED TABS	15-5903-53500



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-5903

CELL FEATURES

- 3.6 V Primary lithium-thionyl chloride (Li-SOCI₂)
- 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
- Non-flammable electrolyte

TADIRAN LITHIUM BATTERIES

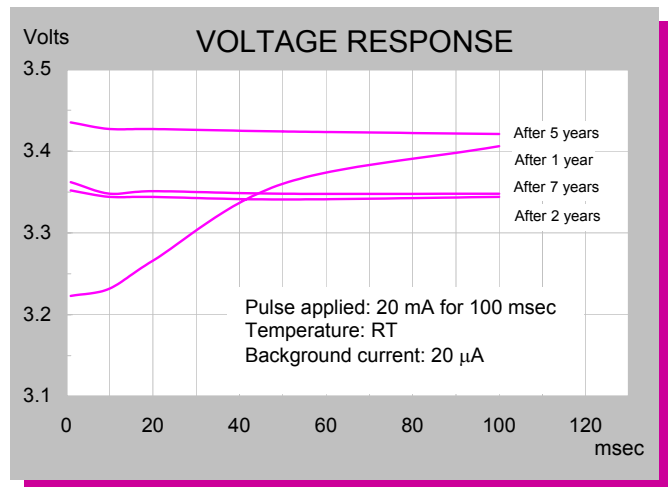
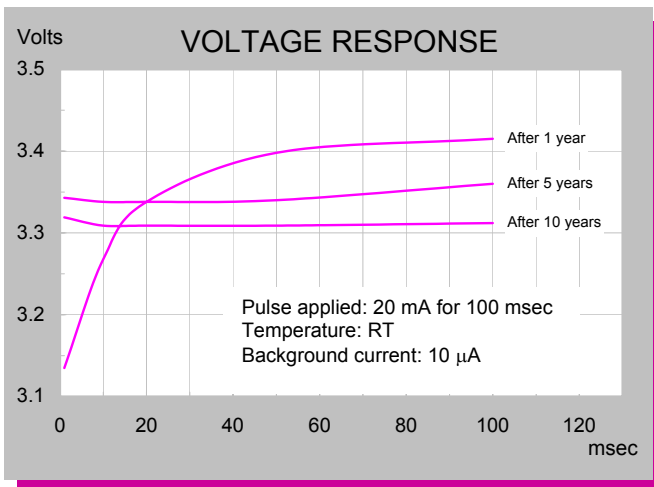
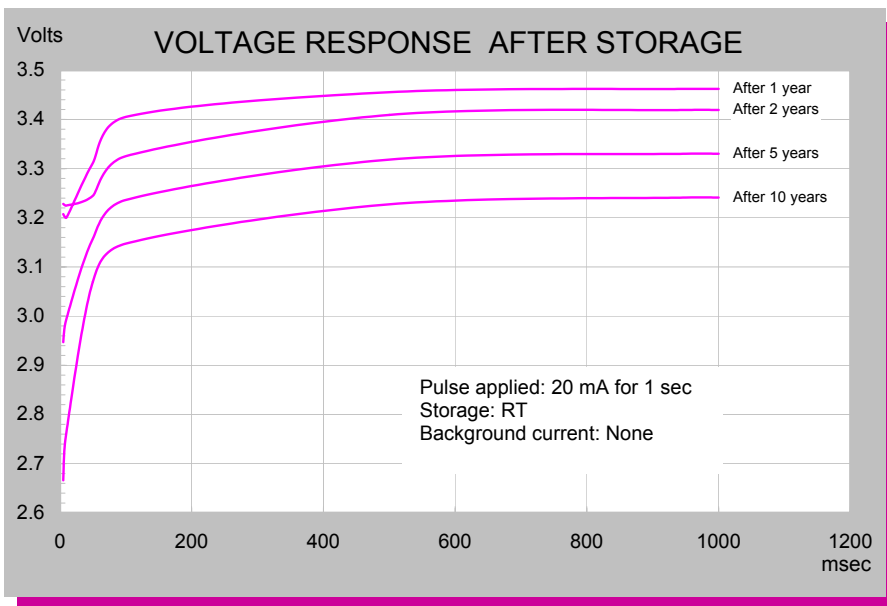
MAIN APPLICATIONS

- 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)

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



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