

product specs: standard lithium cells



Extended Temperature 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)	
TLH-5902	1/2 AA	15-5902-yy505	3.6	0.9	1.0	-55° to +125°	14.5	0.571	25.2	0.992	S P T TP PT PT2
TLH-5955	2/3 AA	15-5955-yy505	3.6	1.4	1.3	-55° to +125°	14.5	0.571	33.5	1.319	S P T TP PT PT2
TLH-5903	AA	15-5903-yy505	3.6	2.0	1.0	-55° to +125°	14.5	0.571	50.5	1.998	S P T TP PT PT2
TLH-5920	C	15-5920-yy505	3.6	7.5	3.0	-55° to +125°	26.2	1.031	50.0	1.970	S T
TLH-5930	D	15-5930-yy505	3.6	17.0	5.0	-55° to +125°	32.9	1.295	61.5	2.421	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 TLH-5903

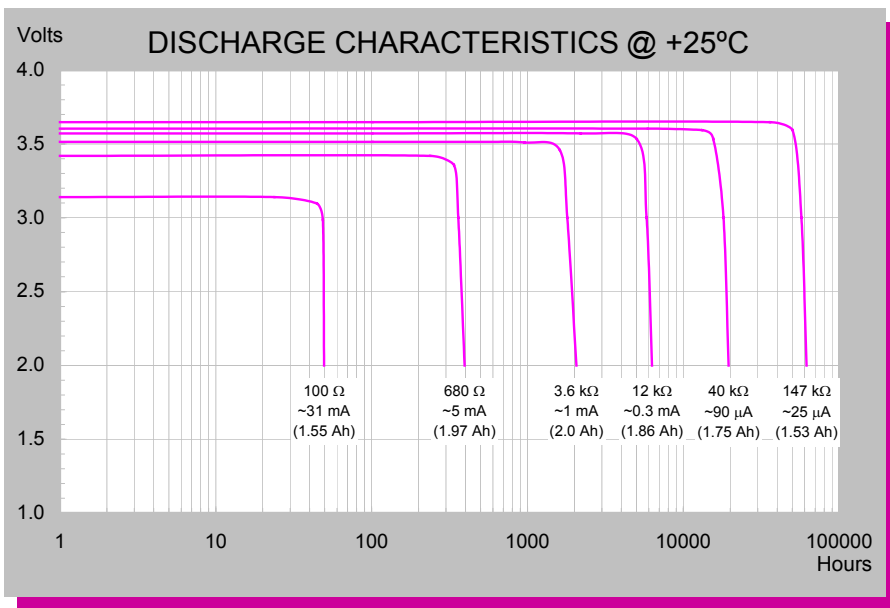
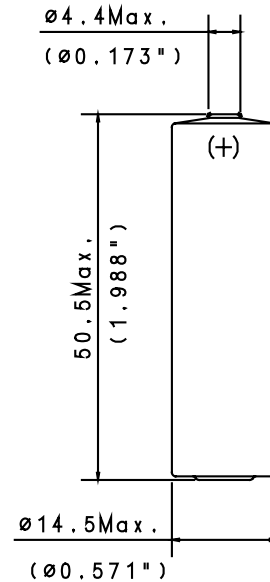
International size reference: AA, ER14505

TECHNICAL DATA

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

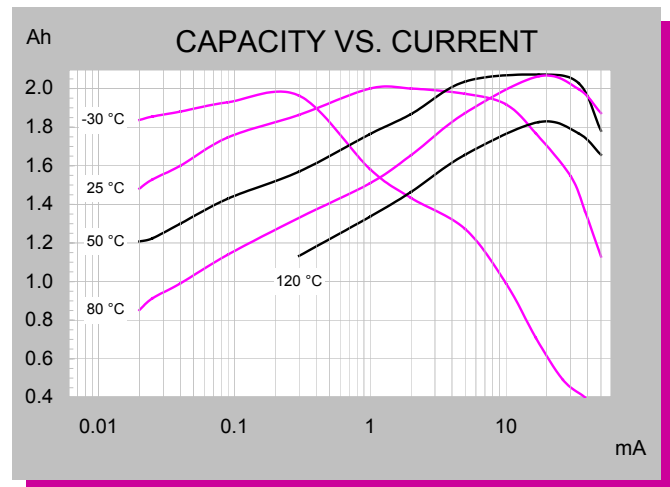
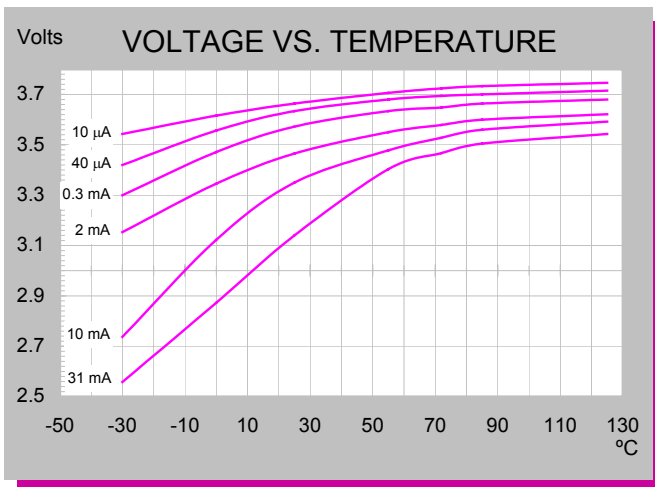
■ Nominal capacity @ 1 mA, to 2 V	2.0 Ah
■ Rated voltage	3.6 V
■ Maximum recommended continuous current	100 mA
■ Maximum pulse current capability	200 mA
■ Weight	18 g (0.635 oz)
■ Volume	8 cc
■ Operating temperature range	-55 °C to +125 °C
■ Li metal content	approx. 0.65 g
■ U.L. Component Recognition, MH 12193	

TADIRAN
LITHIUM
BATTERIES



TERMINATIONS & ORDERING NO.

SUFFIX- /S STANDARD	15-5903-21505
SUFFIX- /T SOLDER TABS	15-5903-31505
SUFFIX- /P AXIAL PINS	15-5903-41505
SUFFIX- /PT2 RADIAL PINS	15-5903-36505
SUFFIX- /TP POLARIZED TABS	15-5903-52505
SUFFIX- /PT POLARIZED TABS	15-5903-53505



Extended Temperature Range

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 1501187