

**SUBJECT: Local Purchase of CAWS Batteries**

To all Customers, Operators and Service Centers:

Date: Nov 14/17

Effectivity: All PC-12, PC-12/45 and PC-12/47 aircraft.

This Service Letter is issued to confirm that CAWS batteries can be purchased locally.

Reason: Because of the new worldwide shipping restrictions on lithium batteries, it is not necessary to purchase the following replacement batteries direct from Pilatus but these can now be purchased locally:

- CAWS batteries, Pilatus Part no. 972.81.32.050 / Manufacturer Part Number SL-760/S.

**NOTE:** Replacement batteries must have the same technical performance, or better, and have the same dimensions as given in the attached technical data sheet.

The following batteries are also Pilatus approved alternatives:

- Pilatus Part no. 972.81.32.053 / Manufacturer Part no. TL-5903/S
- Pilatus Part no. 972.81.32.052 / Manufacturer Part no. TL-4903/S
- Pilatus Part no. 972.81.32.051 / Manufacturer Part no. LS 14500.

**NOTE:** The "S" in the manufacturer's part number is the battery termination; refer to the attached technical data sheet.

The above alternatives will be listed in the next revision of the IPD.

Operators that require additional information should contact their authorized Pilatus Service Center, or Pilatus Customer Support on [www.pilatus-aircraft.com](http://www.pilatus-aircraft.com) → contact us

Enclosure: Technical Data Sheets: Tadiran Batteries SL-760, Tadiran Batteries TL-5903, Tadiran Batteries TL-4903, SAFT Batteries LS 14500.

INTENTIONALLY BLANK

> iXtra – long term high performance

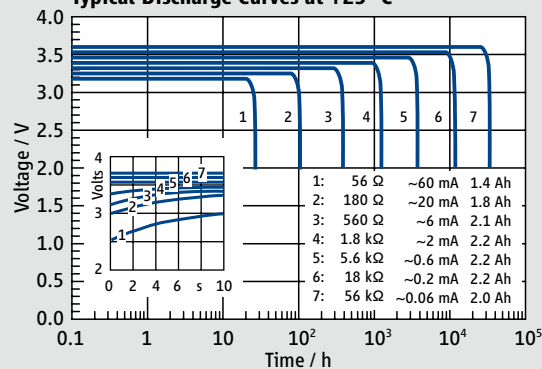
### Performance Data

(Typical values for batteries stored at +25 °C for one year)

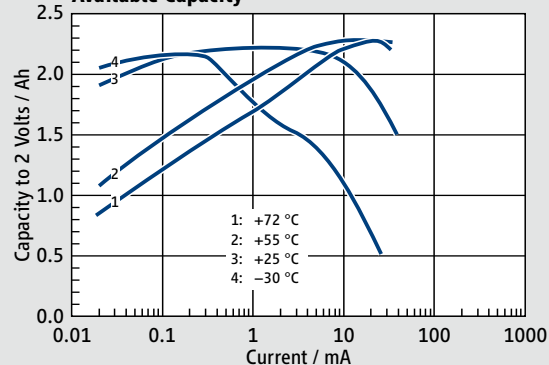
System	Lithium Thionyl Chloride
Nominal voltage	3.6 V
Nominal capacity	2.2 Ah
Nominal current	2 mA
Max. continuous discharge current	100 mA
Pulse current capability	200 mA
Anode surface area	14 cm <sup>2</sup>
Lithium content	0.65 g
Weight	18 g
Volume	8 cm <sup>3</sup>
Temperature range	-55 °C ... +85 °C



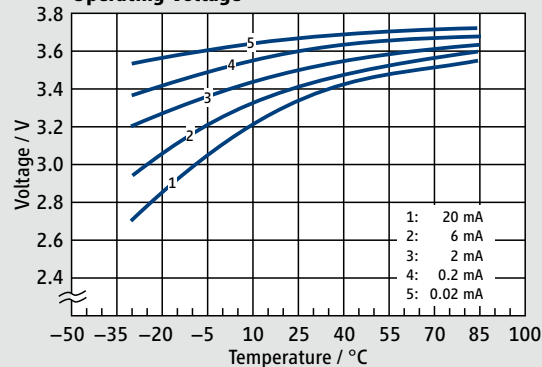
### Typical Discharge Curves at +25 °C



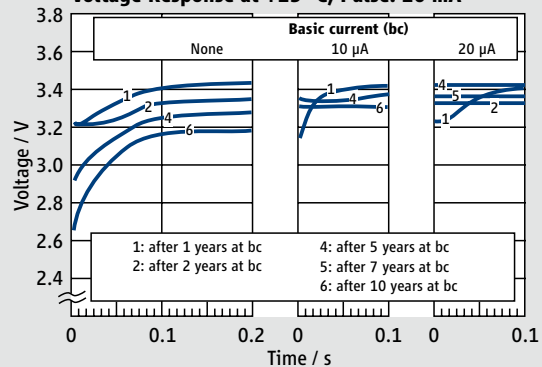
### Available Capacity



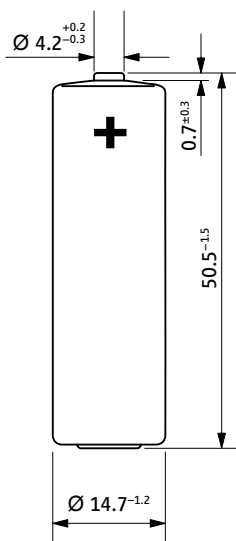
### Operating Voltage



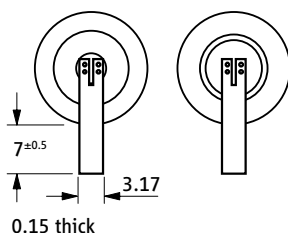
### Voltage Response at +25 °C, Pulse: 20 mA



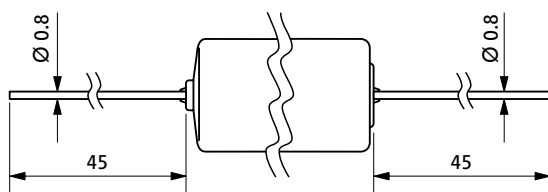
### SL-760/S



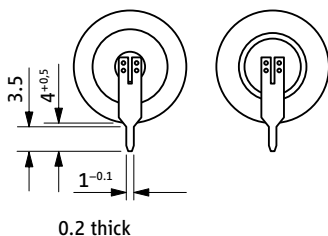
### SL-760/T



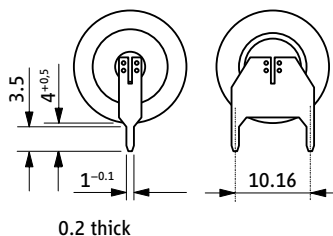
### SL-760/P



### SL-760/PR



### SL-760/PT



### Available Terminations

Termination	Standard	Catalogue No.
SL-760/S	Standard	11 1 07601 00
SL-760/T	Tags	11 1 07602 00
SL-760/P	Pins	11 1 07603 00
SL-760/PR	Pins radial	11 1 07606 00
SL-760/PT	Polarized tags	11 1 07608 00

**WARNING:**  
Fire, explosion, and severe burn hazard. Do not recharge, disassemble, heat above 100 °C, incinerate, or expose contents to water.

# MODEL TL-5903

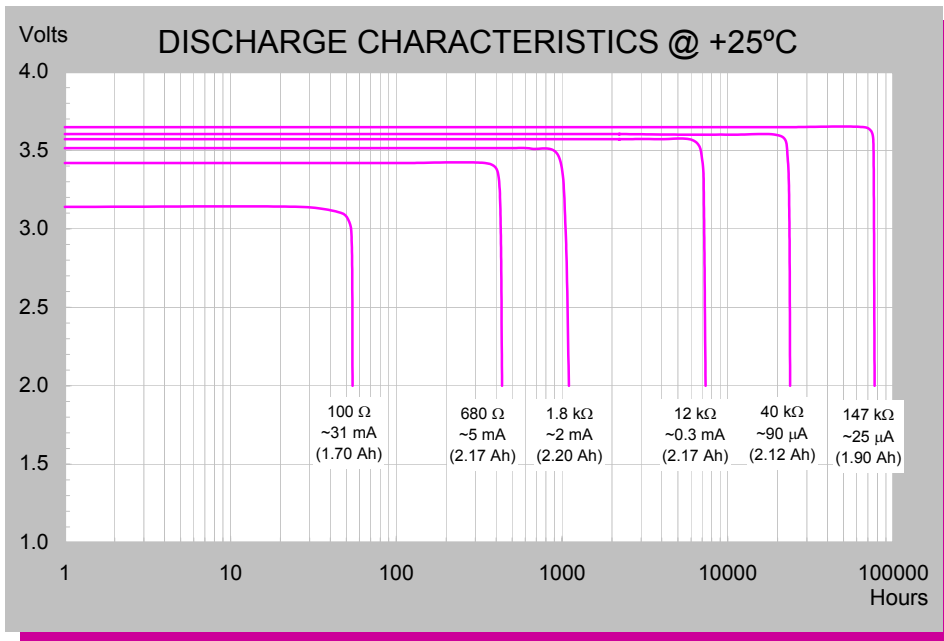
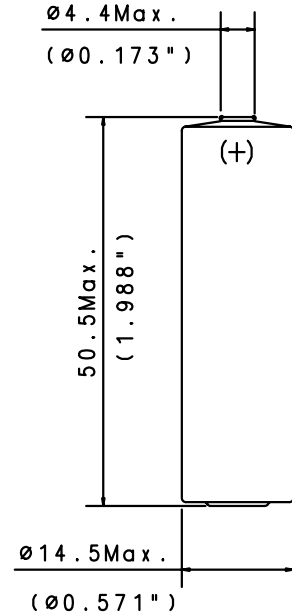
International size reference: AA, ER14505

## TECHNICAL DATA

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

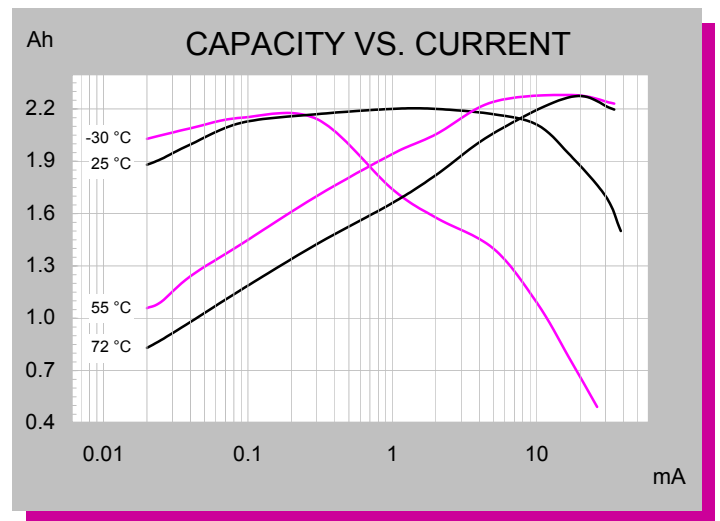
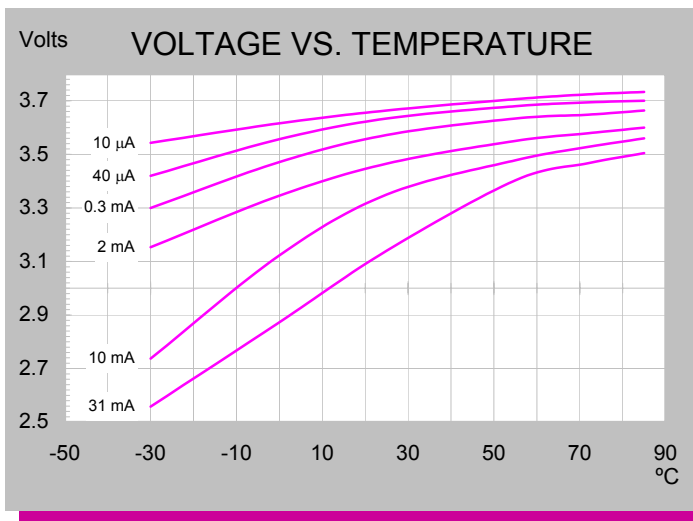
■ Nominal capacity	2.4 Ah
■ Rated voltage	3.6 V
■ Maximum recommended continuous current	100 mA
■ Maximum pulse current capability	200 mA
■ Weight	18 g (0.635 oz)
■ Volume	8 cc
■ Operating temperature range	-55 °C to +85 °C
■ Li metal content	approx. 0.65 g
■ U.L. Component Recognition, MH 12193	

**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 Rev. E 01/08

# MODEL TL-4903

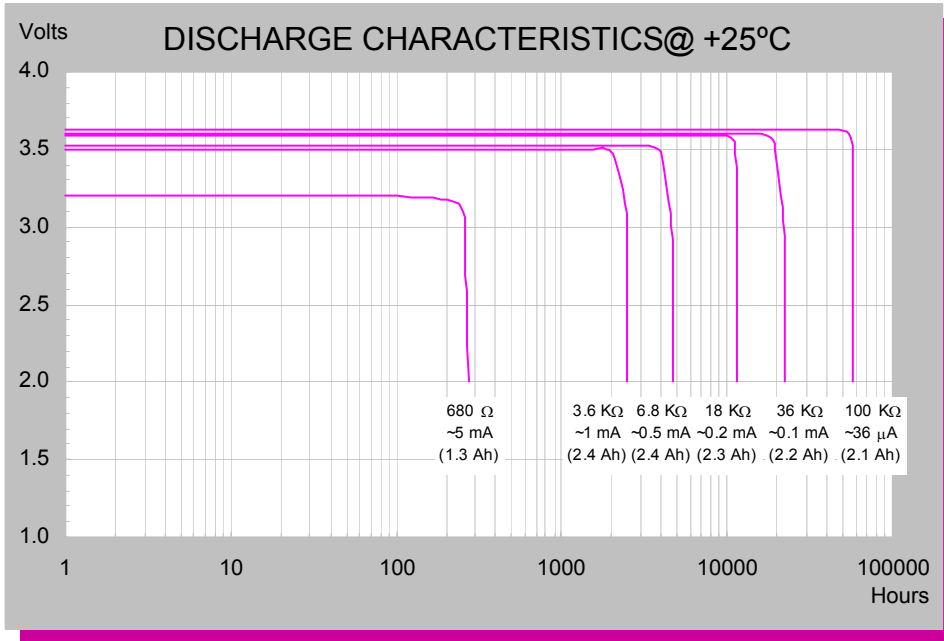
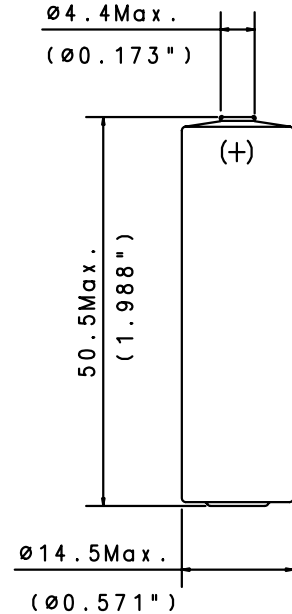
International size reference: AA, ER14505

## TECHNICAL DATA

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

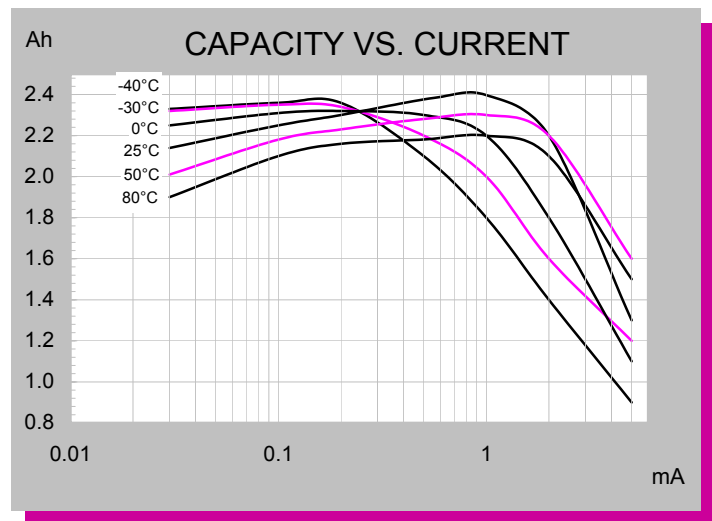
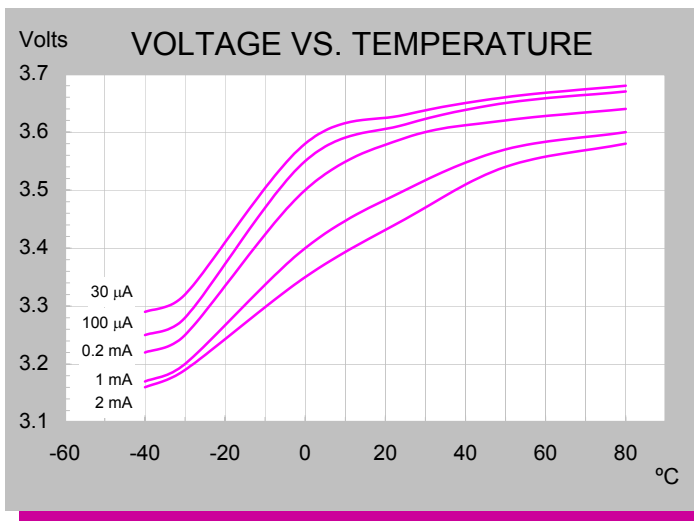
■ Nominal capacity @ 1 mA, to 2 V	2.4 Ah
■ Rated voltage	3.6 V
■ Maximum recommended continuous current	60 mA
■ Maximum 1 sec. pulse capability	120 mA
■ Weight	18 g (0.634 oz)
■ Volume	8 cc
■ Operating temperature range	-55 °C to +85 °C
■ U.L. Component Recognition, MH 12193	

**TADIRAN**  
**LITHIUM**  
**BATTERIES**



### AVAILABLE TERMINATIONS

SUFFIX- /S STANDARD	15-4903-21000
SUFFIX- /T SOLDER TABS	15-4903-31000
SUFFIX- /P AXIAL PINS	15-4903-41000
SUFFIX- /PT2 RADIAL PINS	15-4903-36000
SUFFIX- /TP POLARIZED TABS	15-4903-52000
SUFFIX- /PT POLARIZED TABS	15-4903-53000



**XOL - Extended Operating Life**

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. Rev. D 01/07 ECN1501458