

SUBJECT: Local Purchase of EIS 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 EIS 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:

- EIS batteries, Pilatus Part no. 985.13.80.857 / Manufacturer Part Number 331BE450-1 (SL-350/S with expiry label).

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. 985.13.80.889 / Manufacturer Part no. TL-5902/S
- Pilatus Part no. 985.13.80.888 / Manufacturer Part no. TL-4902/S
- Pilatus Part no. 985.13.80.887 / Manufacturer Part no. LS 14250.

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 → contact us

Enclosure: Technical Data Sheets: Tadiran Batteries SL-350, Tadiran Batteries TL-5902, Tadiran Batteries TL-4902. SAFT Batteries LS 14250.

INTENTIONALLY BLANK

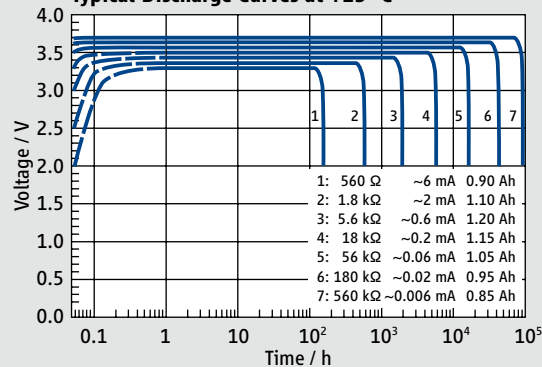
Performance Data

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

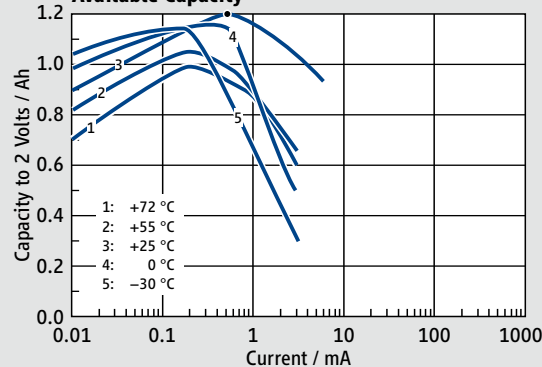
System	Lithium Thionyl Chloride
Nominal voltage	3.6 V
Nominal capacity	1.2 Ah
Nominal current	0.6 mA
Max. continuous discharge current	6 mA
Anode surface area	6 cm ²
Lithium content	0.35 g
Weight	9.6 g
Volume	4 cm ³
Temperature range	-55 °C ... +85 °C



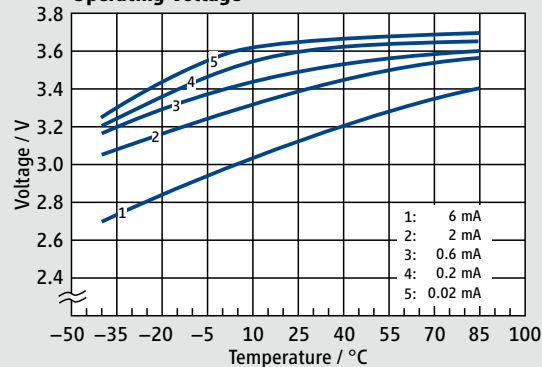
Typical Discharge Curves at +25 °C



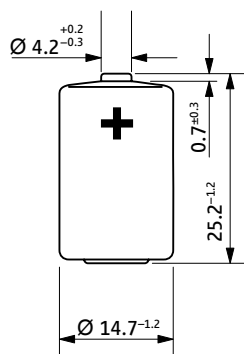
Available Capacity



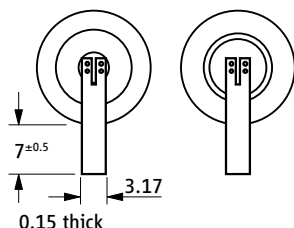
Operating Voltage



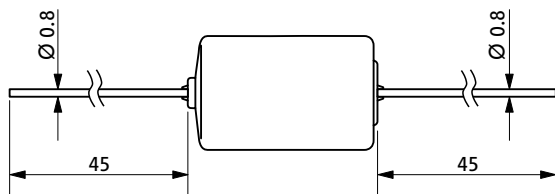
SL-350/S



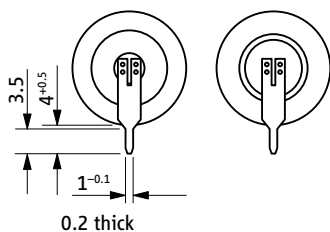
SL-350/T



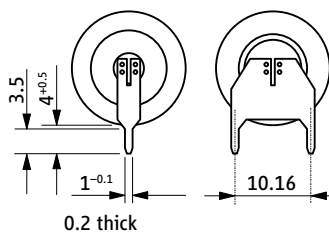
SL-350/P



SL-350/PR



SL-350/PT



Available Terminations

Catalogue No.

SL-350/S	Standard	11 1 03501 00
SL-350/T	Tags	11 1 03502 00
SL-350/P	Pins	11 1 03503 00
SL-350/PR	Pins radial	11 1 03506 00
SL-350/PT	Polarized tags	11 1 03508 00

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

MODEL TL-5902

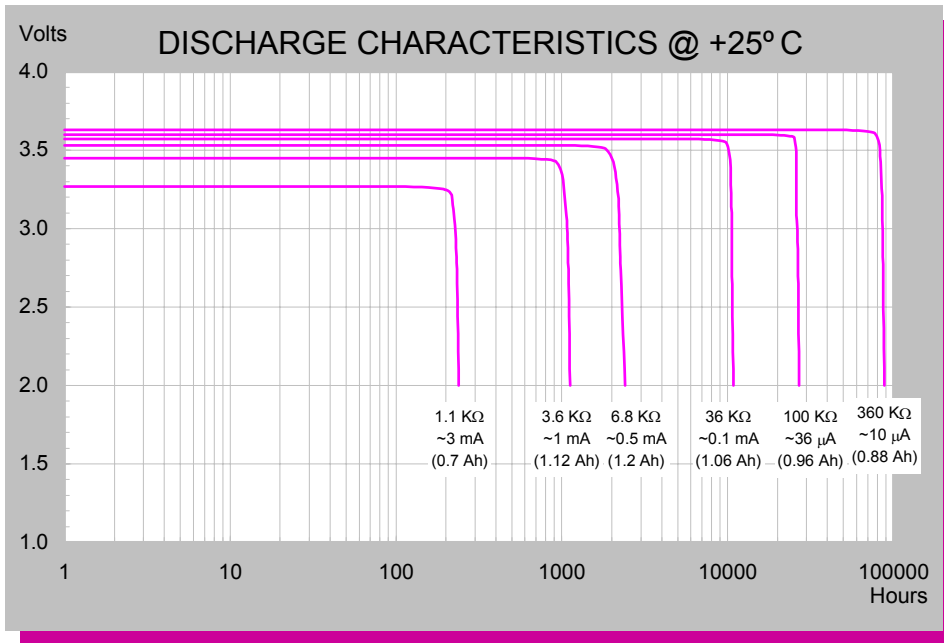
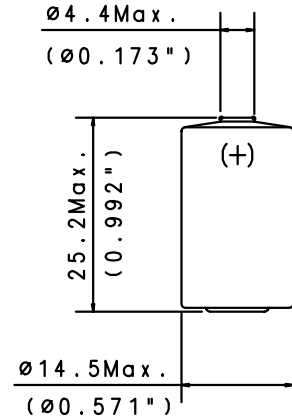
International size reference: 1/2AA, ER14252

TECHNICAL DATA

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

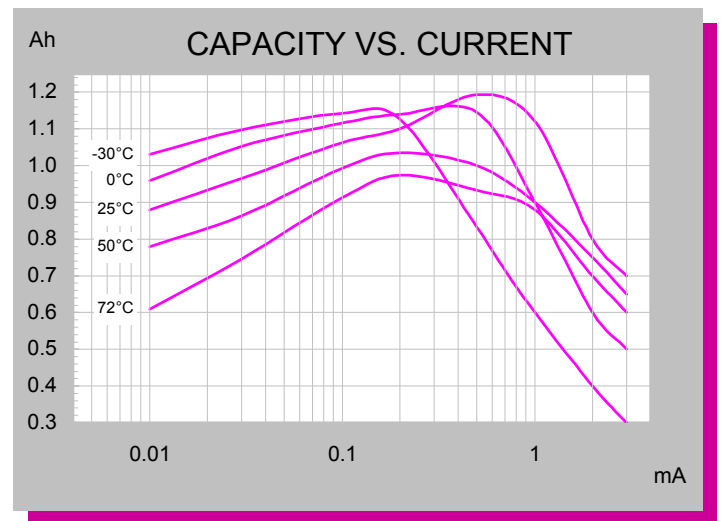
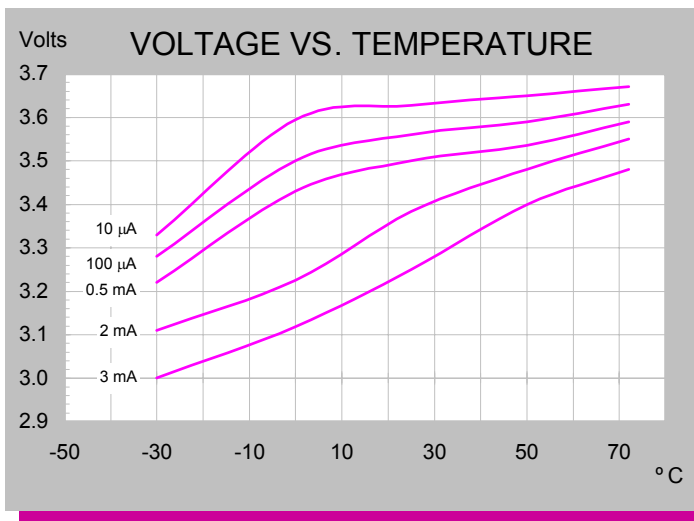
■ Nominal capacity @ 0.5 mA, to 2V	1.2 Ah
■ Rated voltage	3.6 V
■ Maximum recommended continuous current	50 mA
■ Maximum pulse current capability	100 mA
■ Weight	9.2g (0.324 oz)
■ Volume	4.3 cc
■ Operating temperature range	-55°C to +85°C
■ U.L. Component Recognition, MH 12193	

TADIRAN LITHIUM BATTERIES



AVAILABLE TERMINATIONS

SUFFIX- /S STANDARD	15-5902-21500
SUFFIX- /T SOLDER TABS	15-5902-31500
SUFFIX- /P AXIAL PINS	15-5902-41500
SUFFIX- /PT2 RADIAL PINS	15-5902-36500
SUFFIX- /TP POLARIZED TABS	15-5902-52500
SUFFIX- /PT POLARIZED TABS	15-5902-53500



LITHIUM XTRA

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. B 03/03

MODEL TL-4902

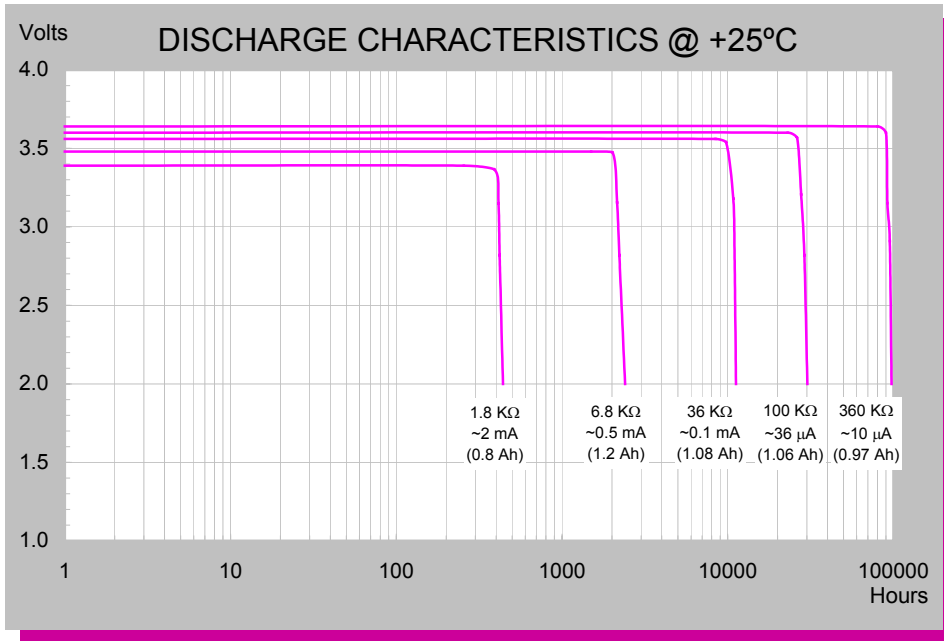
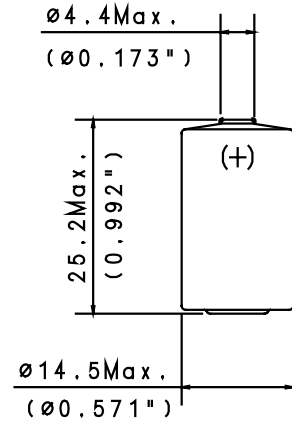
International size reference: 1/2AA, ER14252

TECHNICAL DATA

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

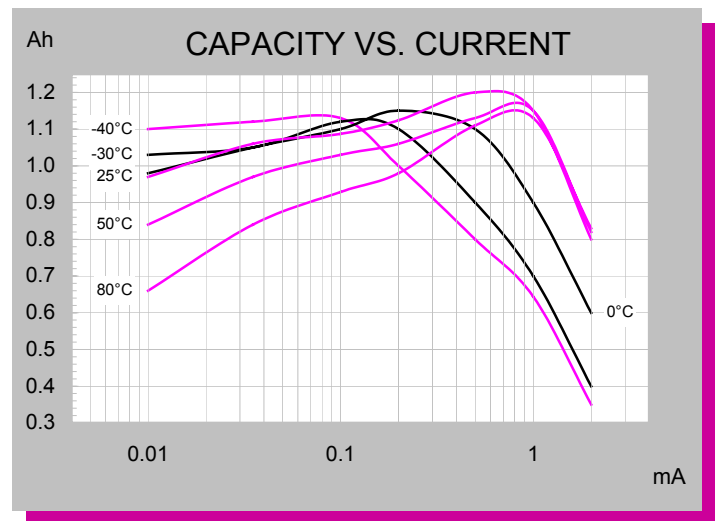
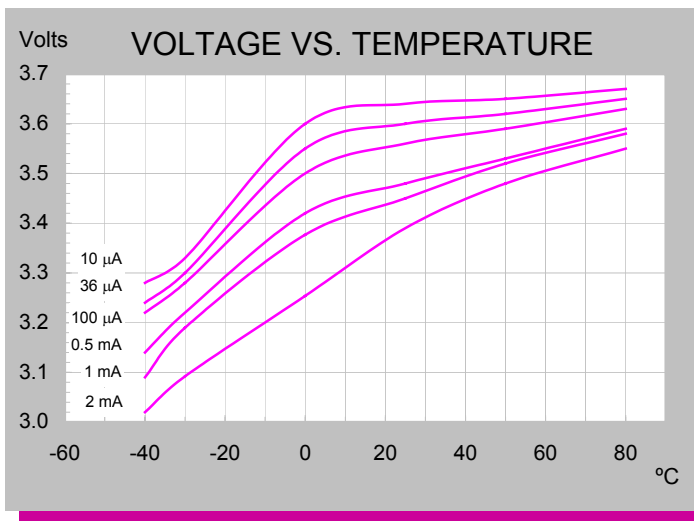
■ Nominal capacity @ 0.5 mA, to 2 V	1.2 Ah
■ Rated voltage	3.6 V
■ Maximum recommended continuous current	20 mA
■ Maximum 1 sec. pulse capability	50 mA
■ Weight	9.6 g (0.338 oz)
■ Volume	4 cc
■ Operating temperature range	-55 °C to +85 °C
■ U.L. Component Recognition, MH 12193	

TADIRAN
LITHIUM
BATTERIES



AVAILABLE TERMINATIONS

SUFFIX- /S STANDARD	15-4902-21000
SUFFIX- /T SOLDER TABS	15-4902-31000
SUFFIX- /P AXIAL PINS	15-4902-41000
SUFFIX- /PT2 RADIAL PINS	15-4902-36000
SUFFIX- /TP POLARIZED TABS	15-4902-52000
SUFFIX- /PT POLARIZED TABS	15-4902-53000



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.

ECN 1501174 Rev. C 01/06