

TLI-1550ES

- RECHARGEABLE
- High power + high energy
- Extremely low self discharge rate
- Charging possible at extreme temperatures

Performance Data

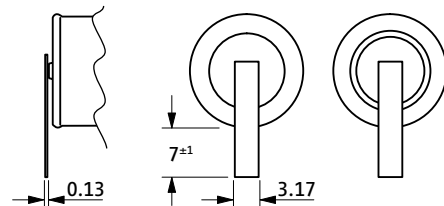
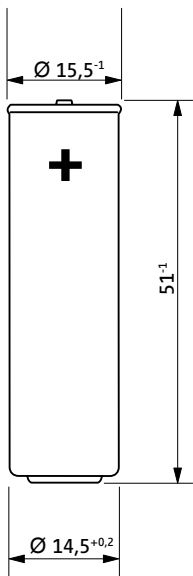
(Typical values for batteries stored at +25 °C for one year)

System	Lithium Intercalated Compounds	
Nominal voltage	4 V	
Max. capacity	1,200 mAh	
Max. continuous discharge current	5 A	
Pulse current capability	10 A	
Discharge end voltage	2.0 V	
Max. charge voltage	4.0 V	
Max. charge current	100 mA	50 mA
Temperature range	-20 °C ... +50 °C	-40 °C ... +85 °C
Cell impedance @ 1 kHz, RT	max. 100 mΩ	
Nominal energy	5.2 Wh	
Weight	22 g	

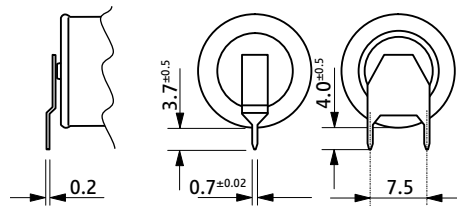
For more information please refer to page 48.



TLI-1550ES/S



TLI-1550ES/T



TLI-1550ES/TP

Available Terminations

Termination	Description	Catalogue No.
TLI-1550ES/S	Standard	on request
TLI-1550ES/T	Tags*	on request
TLI-1550ES/TP	Polarized tags*	on request

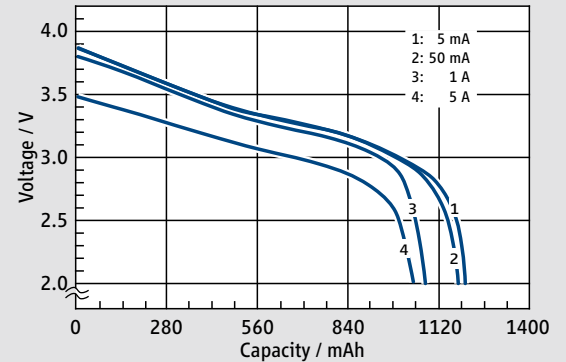
* versions with PTC SRP 200 on request

Warning:

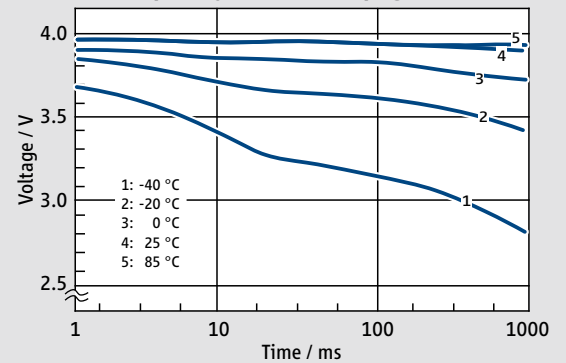
Fire, explosion, and severe burn hazards. Do not disassemble, heat above 100 °C, short circuit, incinerate or expose contents to water.

Do not charge above 4.0 V. Please refer to TLI-guidelines.

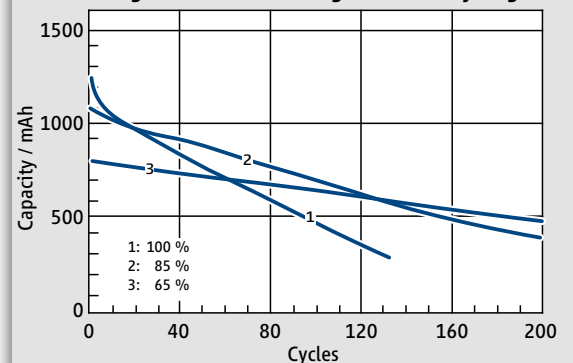
Discharge Curves at Room Temperature



Pulse Capability at several Temp. @ 2 A



Charge (100 mA) / Discharge (350 mA) Cycling



Capacity vs. OCV

