



# TLI-1550HC

- RECHARGEABLE
- Up to 2000 cycles
- Extremely low self discharge rate
- Charging possible at extreme temperatures

## Performance Data

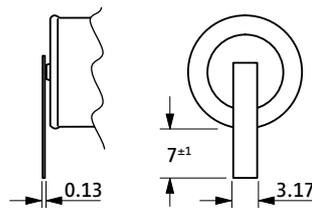
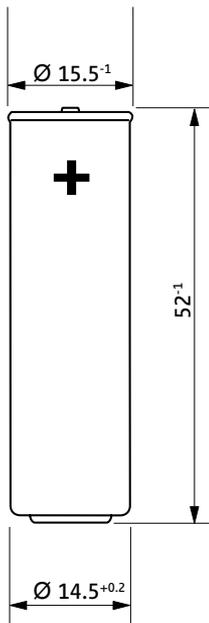
(Typical values for batteries stored at +25 °C for one year)

System	Lithium Intercalated Compounds	
Max. capacity	500 mAh	
Max. continuous discharge current	4 A	
Pulse current capability	10 A	
Discharge end voltage	2.0 V	
Max. charge voltage	4.1 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	2.4 Wh	
Weight	20 g	

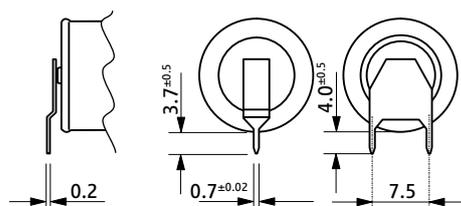
For more information please refer to page 49.



### TLI-1550HC/S

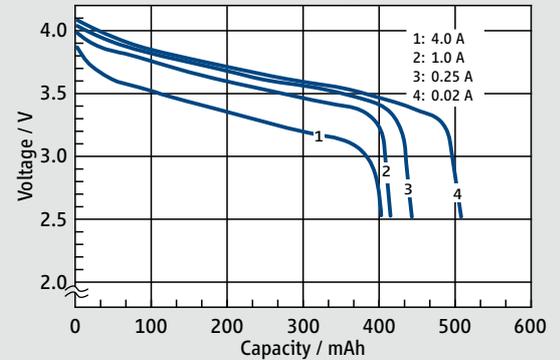


### TLI-1550HC/T

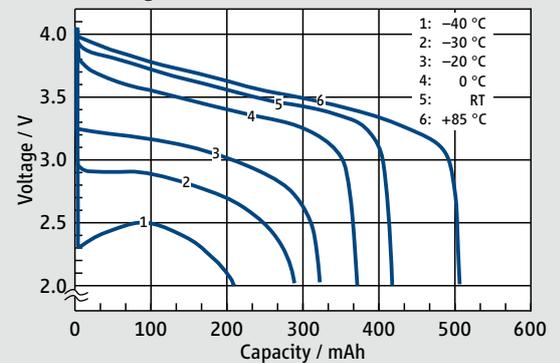


### TLI-1550HC/TP

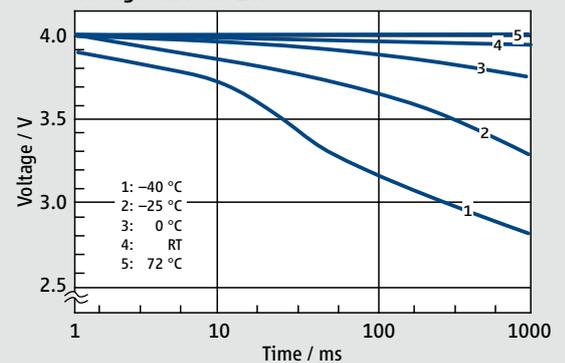
### Discharge Curve at Room Temperature



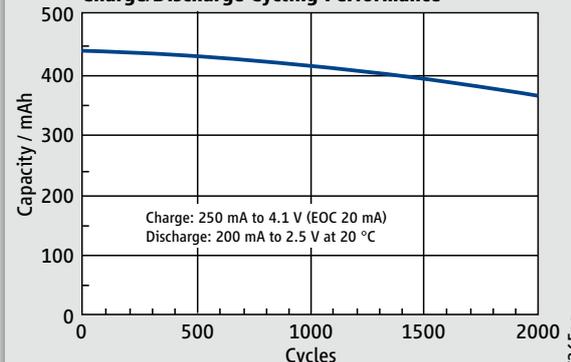
### Discharge Curve at 1 A



### Voltage Curve at 1 A



### Charge/Discharge Cycling Performance



### Available Terminations

Termination	Standard	Catalogue No.
TLI-1550HC/S	Standard	13 2 14551 02
TLI-1550HC/T	Tags*	13 2 14552 02
TLI-1550HC/TP	Polarized tags*	13 2 14557 02

\* 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 4.1 V.  
 Please refer to TLI-guidelines.