



TLI-1020A

- RECHARGEABLE
- Up to 5000 cycles
- Extremely low self discharge rate
- Charging possible at extreme temperatures

Performance Data

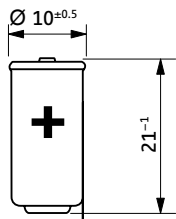
(Typical values for batteries stored at +25 °C for one year)

System	Lithium Intercalated Compounds	
Nominal voltage	4 V	
Max. capacity	21 mAh	
Max. continuous discharge current	400 mA	
Pulse current capability	800 mA	
Discharge end voltage	2.0 V	
Max. charge voltage	4.1 V	
Max. charge current	8 mA	4 mA
Temperature range	-20 °C ... +50 °C	-40 °C ... +85 °C
Cell impedance @ 1 kHz, RT	max. 600 mΩ	
Nominal energy	0.09 Wh	
Weight	4.2 g	

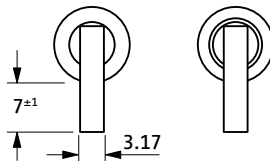
For more information please refer to page 49.



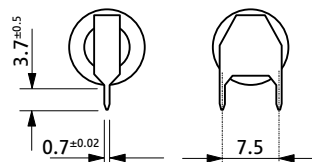
TLI-1020A/S



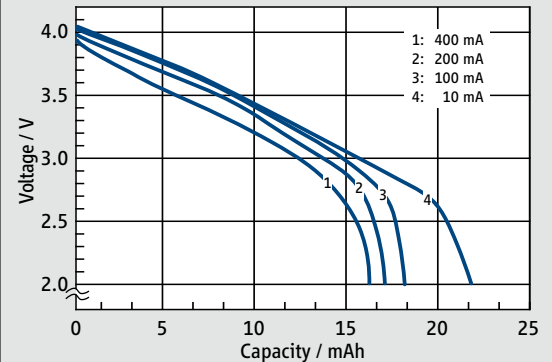
TLI-1020A/T



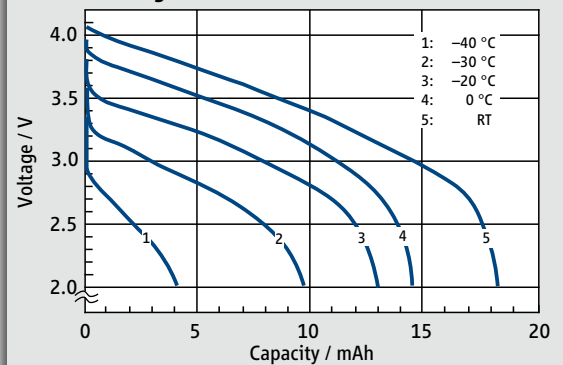
TLI-1020A/TP



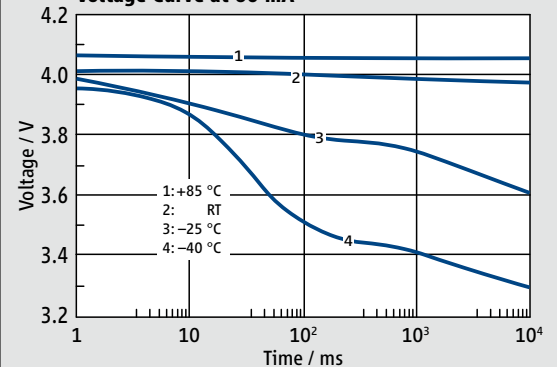
Discharge Curve at Room Temperature



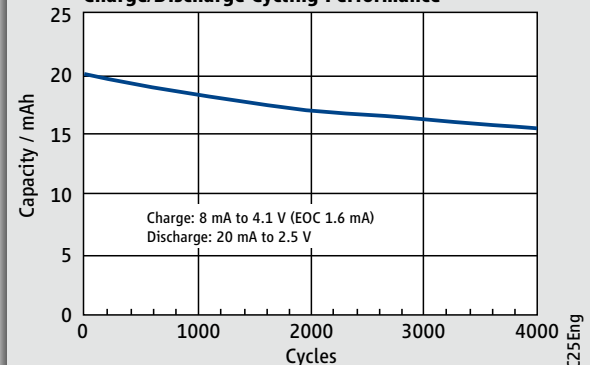
Discharge Curve at 100 mA



Voltage Curve at 60 mA



Charge/Discharge Cycling Performance



Available Terminations

Termination	Catalogue No.
TLI-1020A/S Standard	13 2 11021 02
TLI-1020A/T Tags	13 2 11022 02
TLI-1020A/TP Polarized tags	13 2 11027 02

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.