

HLC-1020

- › Delivering high current pulses
- › Up to 25 years lifetime and more
- › Wide operating temperature range
- › Low self discharge

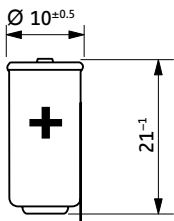
Performance Data

(Typical values in *PulsesPlus™* batteries stored at +25 °C)

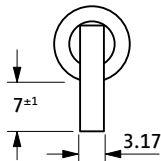
System	Lithium Intercalated Compounds	
Version	HLC-1020	(HLC-1020L)
Nominal voltage	3.7 V	
Nominal capacity	45 As @ 3.7 V	(30 As @ 3.7 V)
Nominal current	15 mA	
Max. continuous discharge current	250 mA	(150 mA)
Pulse current capability	750 mA	(500 mA)
Max. charge voltage	3.95 V	
Max. charge current	8 mA	(6 mA)
Discharge end voltage	2.5 V	
Cell impedance	max. 400 mΩ	(max. 600 mΩ)
Nominal energy	0.07 Wh	
Weight	4.2 g	



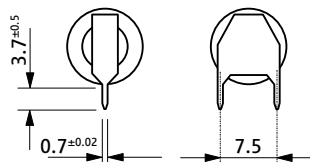
HLC-1020(L)/S



HLC-1020(L)/T



HLC-1020(L)/TP



Available Terminations

Termination	Standard	Catalogue No.
HLC-1020/S	Standard	13 0 11021 02
HLC-1020/T	Tags	13 0 11022 02
HLC-1020/TP	Polarized tags	13 0 11027 02
HLC-1020L/S	Standard	13 0 13021 02
HLC-1020L/T	Tags	13 0 13022 02
HLC-1020L/TP	Polarized tags	13 0 13027 02



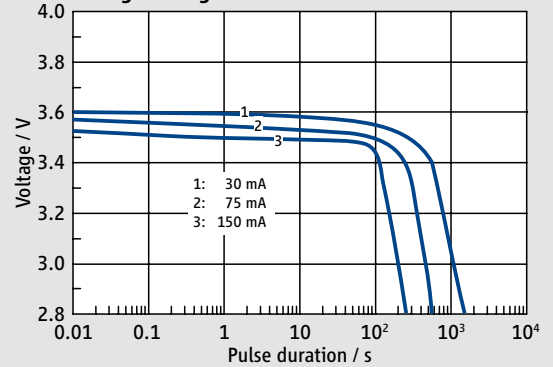
CAUTION:
Fire, explosion,
and severe burn hazard.
Do not disassemble, heat
above 100 °C, or incinerate.

Use as part of *PulsesPlus™*
battery only. Do not
charge above 3.95 V.

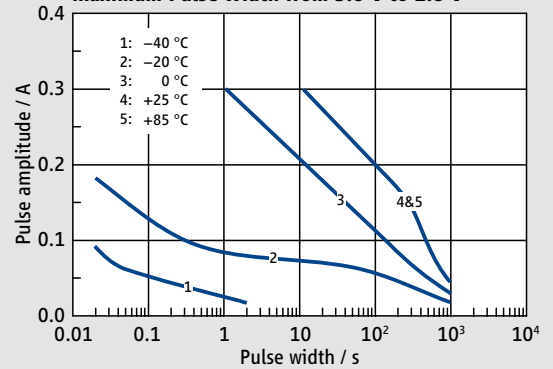
Any values given here are for informational purposes only. They also depend on actual conditions of use and are not warranties of future performance. Subject to change.

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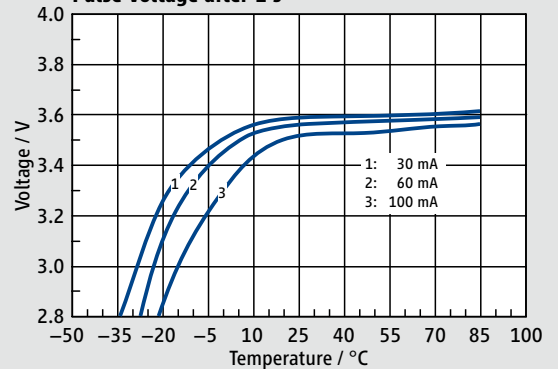
Voltage during a Pulse at +25 °C



Maximum Pulse Width from 3.6 V to 2.8 V



Pulse Voltage after 1 s



Voltage Curve at +25 °C

