

Executive Summary

This Q&A explains the requirements for notification of Lithium batteries in Elo products.

Q&A

Q: Which Elo products contain lithium batteries?


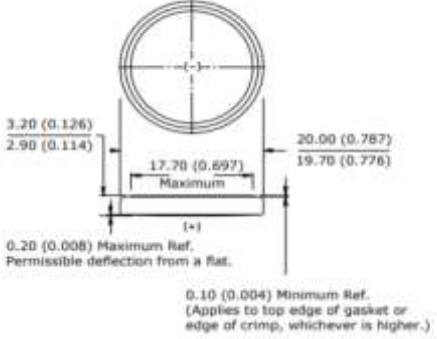
A: All Elo AIO Touchcomputers are equipped with the button cell type lithium batteries, currently this includes the following products: X-Series, E-Series, I-Series, PayPoint, EloPOS, and ECM Computer Modules; also, the NFC/RFID reader contains a button cell type lithium battery.

Q: Are we required to have a warning label on Elo products that contain lithium batteries?

A: Currently the only lithium batteries that are integrated into Elo products are the small button cell type batteries. The application of the lithium battery mark does not apply to packages containing only button cells batteries installed in the equipment they are intended to power. As such, they move as regular freight and are exempt from having to be declared as hazardous and no notifications or warning labels are needed.

Q: Do you have specifications for the type of Lithium batteries that Elo uses?

A: Elo uses the standard CR2032 Lithium Coin or “button” type battery. The specifications are standard for these batteries:

 <p>Industry Standard Dimensions mm (inches)</p> 	<p style="text-align: center;">Specifications</p> <p>Classification: "Lithium Coin" Chemical System: Lithium / Manganese Dioxide (Li/MnO₂) Designation: ANSI / NEDA-5004LC, IEC-CR2032 Nominal Voltage: 3.0 Volts Typical Capacity: 235 mAh (to 2.0 volts) (Rated at 15K ohms at 21°C) Typical Weight: 3.0 grams (0.10 oz.) Typical Volume: 1.0 cubic centimeters (0.06 cubic inch) Max Rev Charge: 1 microampere Energy Density: 198 milliwatt hr/g, 653 milliwatt hr/cc Typical Li Content: 0.109 grams (0.0038 oz.) Operating Temp: -30C to 60C Self Discharge: ~1% / year</p>
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