

What is a lithium battery label?

Labels are printed with the letters 'UN' and a 4-digit number. Think of it like a special code. These numbers clarify 2 types of crucial information: the lithium battery type and packaging method. Packaging method refers to how the lithium batteries are being shipped. This can be done in 3 ways:

What does a battery label mean?

The myriad of batteries available can be confusing, especially with the variety of letters and numbers that label them. These labels, however, are not arbitrary; they hold essential information about the battery's size, chemistry, and configuration.

Do I need a label for lithium ion batteries?

If you're shipping lithium ion batteries contained in or packed with equipment, use a battery label with UN3481. Lithium metal batteries will use labels with one of the following UN numbers: If you're shipping lithium metal batteries as a standalone (no other items in the package), use a battery label with UN3090.

What is a battery pack serial number?

The serial number is a unique identifier for a Lithium-ion Battery Pack. There is only one battery pack with any assigned serial number. The Flux Power product support team can use the serial number to determine information about the battery pack that the operator is using.

What should a battery label look like?

**Background Color:** The label should have a white background. **Border:** The label must have a red diagonal hatched border with a minimum width of 5mm. **Symbols:** The label must include a symbol of a black battery group with one battery showing a flame. **UN Number:** This indicates the type of battery and its associated risks.

Are battery handling labels required for air shipments?

Battery handling labels are required for all air shipments. They can be preprinted with the necessary information or partially printed, which means the contact information and UN number can be written manually under the graphic. Lithium battery handling labels include the following information:

When multiple battery cells are packaged together in the same housing frame and connected to the outside through a unified boundary, they form a battery module. 3. ...

Looking at the label of any lithium based battery you will see a set of numbers that tell you what is inside. The first number you will see is the Voltage expressed as a V. Typical voltages are 12v, ...

Learn to read lithium battery labels. Understand key details like voltage, capacity, and safety warnings for safe

and efficient battery use.

What is Battery Pack? A battery pack is a set of any number of (preferably) identical batteries or individual battery cells. They may be configured in a series, parallel, or a mixture of both to deliver the desired voltage, capacity, or power density.

If you're shipping lithium metal batteries contained in or packed with equipment, use a battery label with UN3091. These slight variations in numbers may seem ...

For everything you could possibly need to know about lithium battery regulations and shipping lithium batteries, see our Lithium Battery Resources page.; We have a full line of Battery Labels for all you shipping needs.; The Labelmaster's ...

An over pack is an exterior box / case containing the smaller individual packages. This must be marked with the word "over pack" and labelled with the Lithium battery ...

A battery pack must be approved even if the cells in the pack are approved. This also applies to modified battery packs. Labels: Each package must include the CAUTION and Lithium Battery Handling Label with the words "Lithium ion batteries in compliance with Section 11 of PI 965 (or applicable PI number). Add a contact phone number. (Print Label)

Vehicle Identification Number Certification Label or Name Label ... HV Battery Pack Battery pack voltage 355.2 Volts Number of Li-ion battery cells in the pack 96 Li-ion battery module voltage 3.7 Volts Components Powered by the HV Battery Pack o Front Electric Motor

Understanding the labels on batteries is crucial for selecting the right power source for your devices. The letters and numbers indicate size, chemistry, and configuration, ...

The second number is the Amp Hour expressed as Ah. Examples 8ah, 10ah, 13ah... This is the amount of stored energy in the battery pack. A 10ah battery can put out 10 amps (A) for 1 hour or 1a for 10 hours. Provided you have a good quality battery pack you could use 20a for 30 minutes. The larger the number the more energy is stored.

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