

Energy storage device un number





Overview

What is the UN number for lithium battery energy storage?

Since storage equipment has lithium-ion battery inside, so most people assume the PSN shall be Lithium-ion batteries contained in equipment and the UN number shall be UN3481. However, with the development of lithium battery energy storage, more and more energy storage devices are being developed and applied.

What is a UN number for lithium ion batteries?

In some cases, the batteries might be shipped independently, without equipment. In such scenarios, the relevant UN numbers would be: UN3480: Lithium ion batteries, shipped on their own (not contained within or packed with equipment). UN3090: Lithium metal batteries, shipped on their own.

Is a lithium battery an energy storage device?

If the lithium battery only provides power for the operation and work of the device itself, this device is deemed to meet the definition of UN3481 equipment, otherwise it is an energy storage device of UN3536.

What are the UN Regulations for lithium battery products?

UN 3480, UN3481, UN3090, UN3091, UN3171, UN3536: Comprehensive Guidelines of Transportation Regulations for Lithium Battery Products. Lithium battery products are omnipresent in our daily life. They are widely used in Consumer Electronics, Electric Vehicles (EVs), Energy Storage Systems, Medical Devices, Aerospace and Defense.



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[UN3481 and UN3536: Comprehensive Analysis of Dangerous ...](#)

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