

Maintenance of lithium-ion batteries for solar container communication stations in Poland





Overview

What are the lithium-ion batteries in containers guidelines?

The Lithium-ion Batteries in Containers Guidelines that have just been published seek to prevent the increasing risks that the transport of lithium-ion batteries by sea creates, providing suggestions for identifying such risks and thereby helping to ensure a safer supply chain in the future.

How do you store lithium ion batteries?

Place only discharged batteries in a battery collection container. Use electrical tape or other approved covering over the battery connection points to prevent short circuits. Lithium-Ion rechargeable batteries require routine maintenance and care in their use and handling.

How should a lithium ion battery be charged before storage?

Before storage, lithium-ion batteries should be charged to the recommended state of charge (SoC) using a reliable battery management system or intelligent charger. Disconnecting the battery from the charger after reaching the desired SoC is essential to prevent overcharging.

How to maintain a lithium ion battery in a garage?

The garage environment for lithium-ion batteries must be cool, dry, and nicely ventilated. The most efficient temperature degrees from 15°C to twenty-five°C to reduce the hazard of capacity loss and keep battery fitness. Humidity degrees should be managed to stay below 50% to save you from moisture-related deterioration.



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