

Weekly maintenance report of lithium-ion batteries for wireless solar container communication stations





Overview

How long can a lithium ion battery be left unused?

Read and follow the guidelines in this document to safely use Lithium-Ion batteries and achieve the maximum battery life span Do not leave batteries unused for extended periods of time, either in the product or in storage. When a battery has been unused for 6 months, check the charge status and charge or dispose of the battery as appropriate.

How long does a lithium ion battery last?

perature range is 0°C to 30°C (32°F to 86°F). At this storage temperature range, the battery will require a maintenance charge within a nine (9) to twelve (12) month period. A detailed maintenance charge schedule, based on storage temperature, is located at the end of this white paper.Lithium Ion rechargeable batteries sh.

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.

What happens if a lithium ion battery loses capacity?

As the battery loses capacity, the length of time it will power the product (run time) decreases. Lithium-Ion batteries continue to slowly discharge (self-discharge) when not in use or while in storage. Routinely check the battery's charge status.



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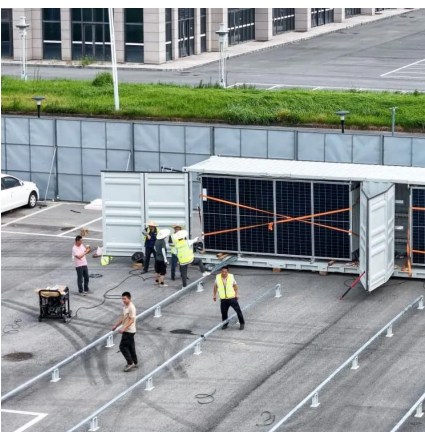
[Maintenance Guide for Energy Storage Lithium Battery System](#)

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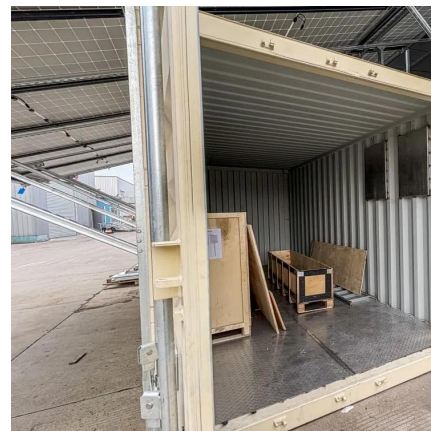
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OverviewBattery
MaintenanceChargingStorageHandling
PrecautionsTransportationDisposal and
RecyclingDo not leave batteries unused for
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6 months, check the charge status and charge or
dispose of the battery as appropriate. The typical
estimated life of a Lithium-Ion battery is about
two to three years or 300 to 500 charge cycles,
whichever occurs first See more on tek
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