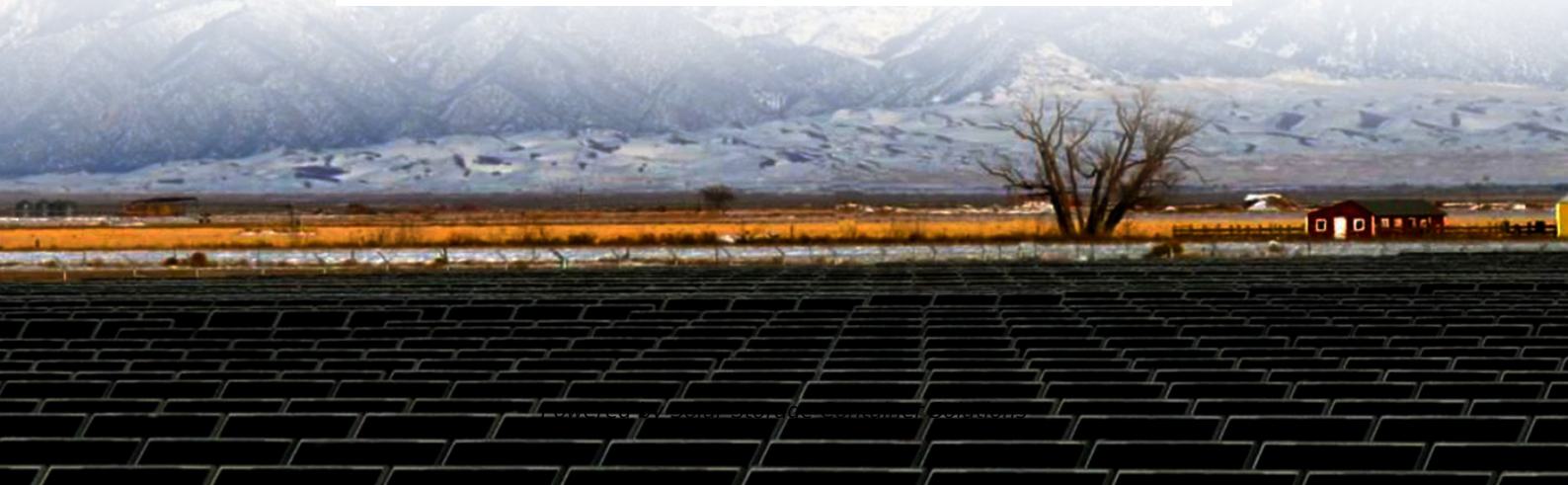


## **Solar Storage Container Solutions**

# **How to charge the lithium battery in the base station battery cabinet**



## Overview

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### How to charge a lithium ion battery?

Better lithium-ion batteries to the battery charging method are to provide a constant current of  $\pm 1\%$  pressure limiting until the battery is fully charged and stop charging. Charging voltage should be less than the maximum voltage can usually be set to 4.1V; the charge current ranges from  $c/2$  to  $1C$  for 2.5 to 3 hours.

### How to maintain a lithium-ion battery?

To prolong service life and avoid damage to the lithium-ion battery, you should consider the following charging tips for the best way to maintain lithium-ion batteries: While it used to be said that you should never leave a battery charging unattended overnight, nowadays you can do this without any problems.

### How do you store a lithium ion battery?

The best way to maintain lithium-ion batteries during storage is by first charging them at up to 50 to 70 percent of their capacity. Optimal storage temperatures are 15 to 18°C. At this temperature the batteries remain efficient, and the risk of deep discharge is reduced – even during longer periods of storage.

### What temperature should a lithium ion battery be stored at?

Generally, lithium-ion batteries should not be exposed to temperatures above 40°C or below -10°C. The best way to maintain lithium-ion batteries during storage is by first charging them at up to 50 to 70 percent of their capacity. Optimal storage temperatures are 15 to 18°C.

### How do you keep a lithium battery from overheating?

Heat may be produced by lithium-ion batteries when they are charging. Charge it in a place with good ventilation to help dissipate this heat and keep

the battery from overheating. Refrain from charging near combustible objects or in enclosed areas. 4. After complete charge, unplug.

When can you charge a lithium ion battery?

Intermediate lithium-ion battery charging can also partially be carried out at any time. For example, you can charge a vehicle powered by a lithium-ion battery, such as an electric stacker truck, during a work break. Above all, it's important to make sure that you switch off the charger before disconnecting the battery from the device.

## How to charge the lithium battery in the base station battery cabinet

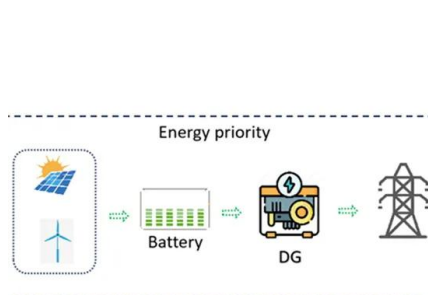


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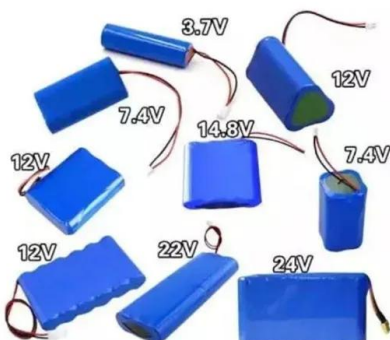


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