

ContainerPower Energy Solutions

How much battery energy is lost



Overview

Why are there charging losses when charging an EV?

And what can you do to minimise the energy loss?

Read the article!.

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What percentage of the energy you are paying for actually gets stored inside of the battery?

The facts might surprise you and have serious implications for future charging technologies.

A practical example about the efficiency of battery storage in the home. I lose about 30% of the stored electricity, just comparing what goes into the battery with what I get back.

This discrepancy is due to charging losses, which is energy that is lost on the way from the outlet (or charger) to your battery. It means that more energy is drawn from the electric source than the battery actually receives.

Generally speaking, your EV may use 12 to 15 percent more energy than what you add to your battery. That number could be lower or higher depending on charging conditions.

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