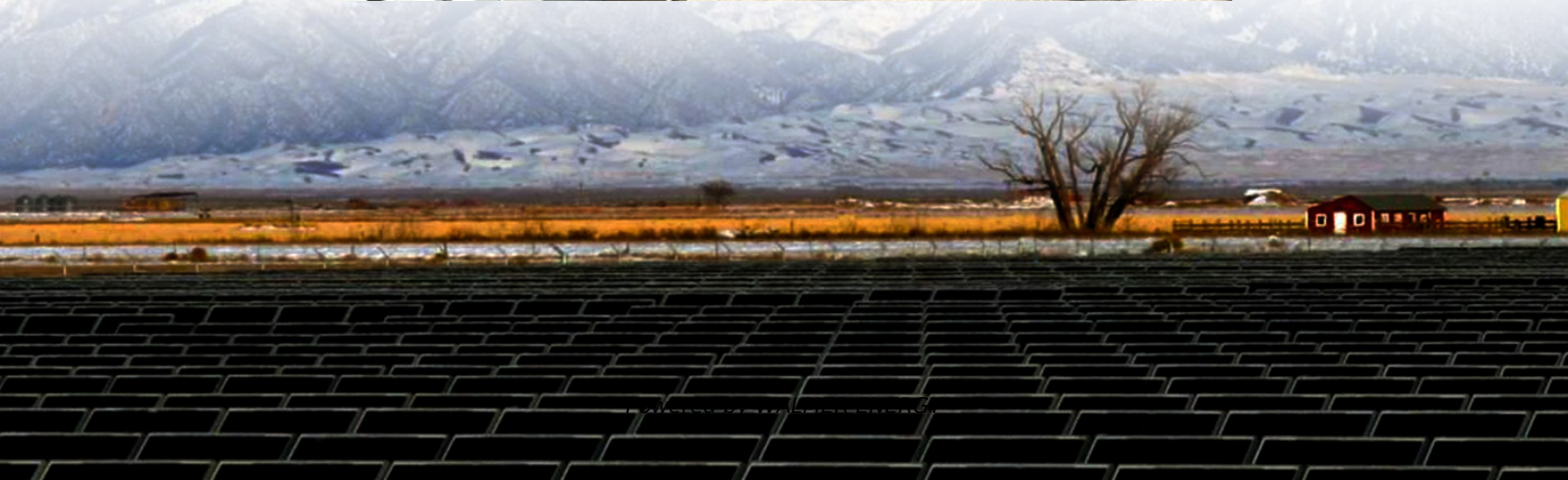


Is it safer to install batteries in RVs or use outdoor power supplies





Overview

Are lithium RV batteries dangerous?

Therefore, technology has advanced to the point that the concern about lithium batteries being dangerous is no longer valid. Misconception #2 is that lithium RV batteries can't be used in cold weather. Again, this isn't entirely true. In fact, some brands of lithium RV batteries allow you to continue to draw power to as low as -4°F.

What are RV lithium batteries?

RV lithium batteries are rechargeable 12-volt batteries that have become a popular alternative to lead-acid batteries, particularly for RVers who spend a lot of time off the grid and/or who use solar power. RV lithium batteries are based on a newer, more efficient lithium-ion technology known as Lithium Iron Phosphate (or LiFePO4 for short).

Can lithium RV batteries be used in cold weather?

Misconception #2 is that lithium RV batteries can't be used in cold weather. Again, this isn't entirely true. In fact, some brands of lithium RV batteries allow you to continue to draw power to as low as -4°F. The issue of cold adversely affecting lithium RV batteries has been addressed in a couple of different ways.

Do lithium RV batteries outgas?

Unlike flooded lead-acid batteries (which must be installed in vented compartments due to the flammable gas they produce during their charge/recharge cycles), lithium RV batteries don't outgas at all. As a result, they can be installed inside your RV and, thus, be better insulated from outside temperatures causing a problem.



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