



Ecoflow lithium iron phosphate

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From portable power stations to solar panels, we've got you covered when it comes to keeping your appliances up and running in a blackout or on a camping trip.

EcoFlow lithium iron phosphate batteries (LFP/LiFePO₄) are at the heart of our portable power stations and Power Kits -- all-in-one systems that include everything you need to store and use electricity off-grid.

EcoFlow batteries are an invaluable component of our solar generators. Along with solar panels, solar batteries help you achieve personal energy independence from aging electrical infrastructure.

With EcoFlow batteries, that's not a problem. You can rely on these powerful batteries to keep your house running during an outage as long as you have sufficient storage capacity and AC output to meet your needs.

At EcoFlow, there's a battery solution for everyone, from the ultra-portable EcoFlow RIVER 2 series, which is excellent for off-grid adventures, to the more robust EcoFlow DELTA Series or Whole Home Generators.

You can opt for an expandable system to grow with your electricity consumption needs or choose something more affordable and compact to power the essentials. It all comes down to what's suitable for your application.

EcoFlow's portable power stations go beyond converting and storing solar power captured by solar panels. While they can be charged using solar panels. Each has a minimum of four charging methods:

EcoFlow portable power stations are powered by LiFePO₄ batteries. LiFePO₄ is an abbreviation of lithium iron phosphate battery chemistry, and it's also known as LFP.

LFP rechargeable batteries are a newer subset of lithium-ion (Li-ion) batteries that are being rapidly adopted thanks to their long lifespan, rapid charging, safety, and efficiency.

LiFePO₄ batteries are increasingly being deployed in numerous applications, including electric vehicles, consumer electronics like smartphones and laptops, and, of course, portable power stations.

LFP batteries are a great choice because they require no maintenance and can function for a decade of regular use --or even longer -- without diminishing performance.

With longer cycle life, greater safety due to no risk of thermal runaway, greater depth of discharge, and



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reduced humanitarian and environmental impact, LiFePO₄ batteries have much to offer. LFP is an excellent choice for a wide range of uses, including portable power stations and Power Kits from EcoFlow.

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