



# Cheapest lithium iron phosphate battery installation offer in Azerbaijan

What are lithium solar batteries?

Lithium solar batteries are more specifically called lithium iron phosphate batteries (LiFePO<sub>4</sub> or LFP), and they offer numerous advantages over flooded and sealed lead acid batteries when used in renewable energy systems. Longer life, wider temperature range, true deep cycling, and safety are just the beginning.

Why should you choose lithium iron phosphate batteries?

Longer life, wider temperature range, true deep cycling, and safety are just the beginning. See below for even more reasons to choose lithium iron phosphate batteries over the alternatives, or browse our selection of 12V, 24V, and 48V lithium solar batteries for sale from KiloVault, SimpliPhi, Battle Born, and other top manufacturers.

Are lithium solar batteries better than lead acid?

Compared to lead acid, lithium solar batteries are: Deeper cycling - tolerant of 80-100% depth of discharge (DoD) compared to 50%, giving you access to more of their nameplate amp-hour or Watt-hour capacity. Longer lasting - featuring a cycle life of 5000 to 10,000+ cycles compared to approximately 3000 cycles.



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