

It's not about buying prices. It's about overall costs.

Lithium-ion vs. lead acid – cost comparison.

Switching to lithium-ion is an investment to begin with, but in the long term it pays off. Thanks to their superior energy efficiency and extended lifespan, lithium-ion batteries offer substantial long-term cost savings compared to traditional lead-acid batteries. They require minimal maintenance and allow for fast intermediate charging to avoid loading peaks. These benefits result in significant financial savings over the lifespan of the battery.

Charge yourself with expertise: discover more about lithium-ion technology [here](#).

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Maintenance and infrastructure costs

Cleaning, water filling, storage space – lead-acid batteries cause higher maintenance costs.

Lead-acid

battery · 767

Water refilling costs · 29

Maintenance costs · 71

Service costs · 42

Power costs · 185

Capital costs · 440

Lithium-ion

battery · 646

Service costs · 42

Power costs · 137

Capital costs · 467

Power costs

Because of lower internal impedance and less wasteheat, Li-ion convinces thanks to lower energy.



Costs per month, EFG 320, 72 months of use, 2,000 operating hours per year