



Solar batteries reddit

Should I get a solar battery?

If you're at home and can run the dishwasher, washing machine and have a hot shower while the sun's still out. You'll speed up the payback period with a battery if you're consuming a fair chunk of electricity during evening peak hours, but it remains a huge expense on top of just getting a solar array installed.

Would solar power save money if we didn't have batteries?

Without batteries you'd be running hot water during the day when Solar should cover it so only paying your feed-in. With banks offering 5%+interest on savings,the interest alone on what the batteries would cost would come close to covering electricity consumption on better priced plans. People would save more than \$400 a year.

How much does a solar battery cost?

Now battery prices are \$3k to \$4k and we might start to consider it. What's your solar production vs your usage though? If your feed-in is 10c/kwh and you're paying 30c at night, then obviously a battery would significantly adjust your costs.

Why is my solar battery not working?

There are several reasons for batteries. You have poor netmetering in your area - this would allow you to use solar during the day and recharge the battery and use the battery in the evening. Power during an outage. -- Without a battery or a very few other options your solar will also shutdown.

What is a solar battery & how does it work?

They store excess electricity generated by solar panels during the day for use at night or when there is no sunlight. During an outage,the energy stored in the battery can power the entire house or selected critical loads,depending on the capacity of the battery system.

How long does a solar battery last?

edit to add, the above is just for the battery component, those saying ROI for the solar+battery is <10yrs are 100% correct, because solar alone has ROI 5-8years, adding a battery just makes it more expensive, thus longer ROI. 10 years would have saved \$14,235 which is more than the battery cost. Not 15 years

My only hesitation is that with wider adoption of solar and electric vehicles I expect the prices of batteries to decrease significantly in the future. I can't decide if I should take advantage of the ...

Discussion of solar photovoltaic systems, modules, the solar energy business, solar power production, utility-scale, commercial rooftop, residential, off-grid systems and more. Solar ...

Solar/battery systems for whole-house backup power are gaining popularity as a reliable and sustainable



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alternative to traditional backup generators. These systems combine solar panels ...

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1 Advice Wtd / Project Solar + Batteries for 2025? (self.solar) submitted 3 hours ago by Aloha_Vibes808 Hi folks! Luckily we were able to lease 2 E-SUVs in December 2024 ...

It seems like batteries are still too expensive to buy in that they would take too long to pay off at today's prices. If you own a battery already, then has it paid for itself?

Most likely well insulated home, small, solar collectors, hot water storage. Possibly help from the gas. Or heat pump. If you don't use electricity for heating at all, then going off grid should be ...

ROI calculator for solar power installation on apartment complex S olar power installation in apartment complexes - what are the considerations? Does it makes sense to dip in society corpus? How much power can be generated. Heres a ...

This subreddit is for solar photovoltaic (PV) professionals, owners, and enthusiasts. The solar module and the systems it drives - whether small residential installations ...

The little batteries with solar panels on them just don't generate enough to recharge them in a reasonable time. Your really left with carrying around a heavy unit with a big solar panel or ...

Get help with your solar install, or just post some cool pics of your install! We don't tolerate abuse or unkind comments, play nice ??

In my area, the grid power is pretty high on the renewables, mostly hydro and wind, some geothermal and solar. They also are actively investing in more wind and solar, and closing coal ...

There is a promising battery type (can't remember the battery chemical) that could be used for household solar as it requires constant charging or draw-down, but it isn't on the market yet.

I think it depends on a few things Are you in area where these weather changes are starting to affect you? (are you gonna need a battery backup or tornados or flooding?) Any chance you ...

How hard is it to add a battery yourself later? Update: Thanks to everyone's input, I'll be passing on a battery. Outages are limited for me, I've got a generator for emergencies, and the tech of batteries just isn't worth the investment it seems. ...

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If you live in an area with frequent power outages or want to maximize your energy independence, they're a solid investment. Plus, it's a great way to store excess solar energy for nighttime use. ...

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I live in (Houston, TX) where Tropical storms and occasional hurricanes can put the power out for a few days. We normally have tons of sunshine, so re-charging the battery (s) shouldn't be an ...

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