



Are portable solar panels worth it reddit

I keep these solar panels as part of my prep, with a charge regulator that I can use on any 12V battery (from a motorcycle or car, it doesn't matter). The purpose is to allow me to charge my ...

It isn't all that expensive but is a bit inflated. Two harbor freight 100W folding setups would cost \$378. A lot of folding/flexible camping systems have been 10-16 times the cost/watt as roof panels.

A 100 watt solar panel, a cheap charge controller, a 12 volt lead acid battery, like a typical 1 kWh car battery, and a cheapo inverter are going to be barely more expensive than those "portable" fold open solar panels with usb 5v outputs paired with a built in lithium battery like the one you listed, but it will be significantly more powerful and hold more energy.

If you have a portable panel, just hook it up on the job site while you work and put it away at night. I don't think the portable panel would last long in 24/7 weather. A hard panel would work better in that application. Also, if the plan is to charge overnight, no solar panel will help.

After lots of research, I opted for the Allpowers portable power station 606Wh / 164000mAh with a 100W foldable solar panel. I tested it when it arrived and it works brilliantly. In direct sun (UK) ...

Ecoflow is great - but their solar panels are unnecessarily expensive. I run a Dokio 300W on my River Pro. I paid \$220 for that panel. Closest thing Ecoflow offers are their 220W bifacial panel (\$550) or their 400W panel (\$1200) For that price I can easily get 4 of the Dokios and have a 1200W array or just one Dokio and a 1500W rigid array for at home or a remote cabin or ...

Pv200 solar panel worth it? ... I also have a 200w portable solar I plan to use when I can. I used my 200w solar panel to recharge the battery once and it was slow but effective. Reply reply ... A Reddit for Solar Power enthusiasts, the latest news on Solar Technology, and "How to" Advice for Solar Energy Production. ...

A dynamo hub doesnt actually produce that much power. As a rule of thumb about 1% of a smart phone battery every 1 km, so a full charge in 100 km or about 4000 mAh. A large power bank is around 20.000 to 26.000, so can easily carry 500-600, or if you had 2 power banks, 1.000 to 1.300 km of worth of dynamo power.

As solar adoption increases, the value of the power that you feed back to the grid goes down, and because solar power is all limited to daytime generation, it still requires the grid to have a lot of generation capability overnight, so the difference between the cost of buying a kWh vs the cost of selling one back to the grid will widen over time.

This is exactly why tesla should offer a solar roof, hood, hatch option. Could fit .5kw worth of panels on it



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easy and the 5 miles of range per day would come out to hundreds of dollars of electricity per year, numerous short trips being completely solar powered, and cars being able to keep the battery mildly conditioned even in the dead of winter while parked at an airport.

For example: Un regulated power provider don't have to give you credit for excess solar and power delivery companies no longer provide a credit and are except from ever doing it again, ever. I went from paying \$200 a year for power to \$200-\$400 a ...

I've been looking around for any negative aspects on the EcoFlow solar panels but from the consensus, it seems to be a fairly popular product in terms of some reviews. 2-3 hours to recharge the RIVER Max 2, which means it would take 4-6 hours to recharge the DELTA 2 I have.

Portable solar panels are small, plug-in panels that you can take anywhere with you. Unlike mounted units, portable panels can't power an entire home, but can be used to charge small electrical appliances, such as phones, laptops, or even microwaves. There are typically two types of portable panels: flexible solar panels and rigid foldable ones.

Yes, a portable solar panel is definitely worth it. It may not replace a rooftop or ground-mounted solar array, but it's much more convenient for RVing or camping off the grid. What will a 200 watt solar panel run? A 200 watt solar ...

It's so portable that we can take it with us on days out. It has two drawbacks: the powerpack has a three-pin plug which is wonderful for low-consumption devices but won't power high wattage things like a kettle. The solar panels are not totally weatherproof, so have to be put out on days when it's unlikely to rain, or be left in a window.

I think solar panels are still "worth it" even with cheap electricity. Those electric rates wil go up over the years. In 10 years from now that \$.126/kwh might be \$.25/kwh. With solar, you are going to be minimizing the hit you will have over the years from rising power costs.

First the Jackery you speak of is not a "solar generator". It does not generate power. It is a portable power station, in other words a "battery", and needs an electrical input to charge whether that be generated by solar panels or other electrical circuits. Some have more flexible ways to charge them which is worth looking into.

The only downside I can see is if you leave camp a lot. It makes me nervous to think of \$1k+ in panels someone could walk away with. And some loss of storage space Edit: and get educated on what order you connect things. Once the panels are open, those cables can hold a lot of current. Connect first and open panels second.

A conversion efficiency of 20% or more is good, with the best portable solar panels often boasting efficiency



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rates of 22% to 24%. Given the many factors involved, a portable power station can take between two to 48 hours to charge fully from a portable solar panel.

A good portable solar panel typically costs between \$200 and \$500. Portable solar panels shouldn't be so lightweight that they're flimsy, but they shouldn't be so heavy that they're hard to transport. When selecting a solar panel for your upcoming camping trip or hike, choose a product that's designed with features that are useful for you.

The best portable solar panels should be able to generate the most energy possible from the available sunlight so that they can supply electricity to your power station or other devices reasonably quickly. Energy efficiency is especially important in situations where sunlight is limited.

A place to discuss Tesla Solar Panels, Solar Roof, Power Wall, and related gear. If you're into solar energy, tesla, or cool technology, this is the place for you! Be sure to visit our friends at [r/PowerWall](#) and [r/TeslaMotors](#)!

Discussion of solar photovoltaic systems, modules, the solar energy business, solar power production, utility-scale, commercial rooftop, residential, off-grid systems and more. Solar photovoltaic technology is one of the great developments of the modern age. Improvements to design and cost reductions continue to take place.

Input for the solar panels is in the from, with input for the car jack, wall socket or generator on the right side as you are looking at it. The grounding plug is also located on the right side. Used with a solar panel, the AC 70 is a good source of renewable electric power.

Portable solar panels are simply not worth the weight while backpacking. You can bring a rechargeable battery to charge any electronics you bring with you. ... This is the Reddit community for EV owners and enthusiasts. Join and Discuss evolving technology, new entrants, charging infrastructure, government policy, and the ins and outs of EV ...

Harnessing power from the sun is a great way to recharge gadgets or your smartphone for free while you're out camping, going off-grid, or dealing with an emergency. However, portable solar panels aren't free and are not always effective. So, are portable solar chargers worth buying? A portable solar panel is exactly what it sounds like.

Yes, a portable solar panel is definitely worth it. It may not replace a rooftop or ground-mounted solar array, but it's much more convenient for RVing or camping off the grid. What will a 200 watt solar panel run? A 200 watt solar panel will run your laptop for 22 hours, a coffee maker for 1 hour, or a microwave oven for 90 minutes. ...

The type of panels we are presented with do not have batteries. It would be nice to run your home on 100%



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solar power, but batteries are such a pain in the ass replacement-cost-wise and space-wise. Also, Meralco actually pays you for your excess generated power at a price that's 40% to 45% of what they charge us.

A portable solar panel is certainly a cleaner source of electricity compared to most alternatives, but to make it worth the investment, consider its financial worth as well as its convenience. How often will you use it? Will it save you money over the alternative?

I have one that has three fold out solar panels. The solar panels don't produce enough energy to recharge it in one day. It only cost \$24 though (25,000 mah). And it retains a full charge for over a year. I needed to use it during a black out a few weeks ago and it powered a USB fan until the blackout ended. Several hours. Good investment in my ...

I have solar panels and I don't think those immersion heater things are financially worth it. IMO the electricity from solar panels panels should not be though of as "free electricity" because it's actually better than free - you get paid for exporting it.

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