

Backpacking solar panel reddit

Most backpacks will have a number of loops, eyelets or other suitable attachment points that will allow you to shift your backpacking solar panel. What is the best power output range for a backpacking solar panel?

Oh man, I can talk about this. I hate having to stop and charge things. One of my goals and dreams is doing ebike powered touring backed by a good, large solar panel with enough power to charge a large ebike battery, a phone, laptop and battery banks charged so I can work remotely while touring and stay online, and have some kind of dual battery setup so I can use an ebike ...

I'm in Northeast so have dense tree canopy and clouds. I'll take 1 panel backpacking, but primarily for opportunist charging and emergencies - it's hard for me to find unobstructed sunlight in the woods after the foliage fills in. Solar yield nosedives under shade and off perpendicular, for me, that's not worth stressing my device's USB ports or cables with the constant jostling of ...

As long as the Solar panel is designed to charge a USB battery pack it doesn't matter what battery pack is used as long as the panel connector fits the battery pack - typically micro USB. For these kinds of things the charge controller is in the battery pack. It just needs appropriate Voltage and current supplied by the Solar panel to charge.

solar panels for backpacking aren't worth their weight unless you'll be on the trail away from charge sources for 2 weeks or more ... 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 ownership right here. ...

Solar panels are defined by their output wattage (W). 5, 10, and 20W models are common. Much more than that puts their bulk and weight beyond what is practicable to carry on ones back. Any less than 5W will be an unreliable energy source. Deciding between those three options, or none at all, comes down to balancing four factors -- cost, weight, dimensions, and ...

Read our Lixada Solar Panel Review for more on theory when it comes to backpacking solar panels, but with my backcountry electronic usage pattern - plus a pattern on trips where I like to spend some downtime for morning coffee, a lunch break, and preferring to setup camp around late afternoon or early evening rather than finding a spot by way ...

All those are look too small unless you have a reason you can't store a larger solar panel. If you are needing a portable solar power station try looking at Jackery, Rockpals, Bluetti, Goal Zero. While they do make 60W panels I would recommend looking at the 100w or higher panels. Personally I ended up going with a Rockpals set up.

Solar Panel's aren't really practical for backpacking because of tree shade. It's rare you have a long



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opportunity for direct sunlight. They don't provide enough power otherwise. A power bank will be lighter, smaller, cheaper, and more effective.

Phones don't like the intermittent charge. Charge a power bank from solar and then your phone at night from the power bank. The solar panel the ultralight community recommend is this Lixada. I have one. I would say that for hikes where a power bank can meet your needs, the solar panel doesn't make sense.

This is a review of the Lixada 10w solar panel, specifically in regard to UL backpacking. This is based on my SOBO JMT trip which ended early with 150 miles done in 9 days. To my knowledge, this is the lightest solar panel available and I haven't found much on it from backpackers. Price: \$12.99 on Amazon. Weight: 3.1oz(weighted on my scale)

A detailed review of the BioLite SolarPanel 10+, a portable solar charger with an integrated battery pack. Learn about its performance, design, durability, and value for backpacking and camping.

Power up your adventures with backpacking solar panels! Our blog post showcases top-rated options to keep your devices charged on the trail. Explore their lightweight design, efficiency, and benefits for outdoor enthusiasts. Stay connected and harness solar energy while backpacking. Explore our guide today!

Solar panels are only as good as the power generator they're connected to. You'll probably want to plug into more than one device when you hit the campsite. Having a solar generator that can get powered up quickly and spread the juice to whatever gadgets you've brought is essential.

5 Factors to Consider When Buying a Portable Solar Panel for Backpacking. Before jumping in and looking at the best portable solar panels for backpacking out there, I want to highlight five essential factors to consider when investing in a portable solar panel for your backpacking needs, to ensure you make the right choice for all your energy ...

View community ranking In the Top 1% of largest communities on Reddit. BEST ultralight backpacking solar panel 2016 . ok so solar panel technology is in the midst of huge technological breakthroughs where perhaps in a couple years we'll all have access as consumers to superlight solar panel tech that can sit on a large soap bubble without ...

So this is something that the backpacking community has looked into a lot. Its almost never worth carrying solar panels. Gram for gram you get more energy out of batteries than a solar panel can produce over a reasonable time frame. Of course eventually the solar panel pulls ahead. But it takes more than a week. Several weeks for most panels.

A backpacking solar panel is always an interesting weight vs. reward scenario - as the panel itself will of course add weight. But can you leave any spare batteries behind that you might have otherwise taken? If so, that can swing the additional weight carried quite low or maybe even negative.



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Can anyone recommend lightweight, efficient solar panels to use along with the TP4056 in order to charge 18650 batteries while backpacking (mixed weather)? Those panels are usually strapped to the backpack.

Get the Reddit app Scan this QR code to download the app now. Or check it out in the app stores ... A community to get advice and to show off camping and backpacking gear. Helpful folks who love the hobby as much as you do. ... it's the RAVPower Solar Charger 16W Solar Panel with Dual USB Port Waterproof Foldable Camping Travel Charger.

I had great luck with the Anker 21w Solar Charger panel while spending a week backpacking through the Gems in the Grand Canyon last year. I used it to top off my phone during breaks for pictures, and charge my Garmin Fenix watch to track the trip with GPS, since that sucked down the whole watch battery each day.

Flex Portable Solar Panel 21 Watt Folds out easily in 3 sections, has a built-in kickstand, offers 2 USB charging ports, and weighs less than 1.2 lbs. Dimensions are 11.4" x 6.2", making it slightly smaller than a sheet of standard notebook paper. ... and an integrated clip to attach it to the outside of a backpack. The 1.21 W integrated ...

Users share their experiences and opinions on using solar panels for long-distance backpacking trips. Some recommend specific models, others prefer battery packs or town stops.

A blocking diode, a simple addition to the circuit, prevents drawing power. All the "backpacking panels" sold ought to have these. Else it's a fundamental design flaw. Most power banks should charge with intermittent clouds - whenever full sun happens to hit the solar panel. This as well, is by their fundamental design.

A discussion thread on Reddit about using solar panels while backpacking across central and eastern Europe. Users share their opinions, experiences and recommendations on solar ...

A subreddit dedicated to backpacking in the wild places on earth - where people are few, cell signal is nil, and Mother Nature still reigns. ... The solution is a combo of a solar panel and USB power bank. You need to size the wattage of the solar panel and the capacity of the power bank to meet your specific needs, power demands, expected ...

tl;dr: I've spent over 2,000 miles and almost a decade looking at optimizing solar setups for backpacking. The recent Nitecore 5000 mAh battery release has finally pushed solar ahead of using larger power banks in the American West.. Background. I first started using solar in 2014 on a thru-hike of the Colorado Trail.

What is a good, lightweight solar panel with USB output that will put some charge in a cellphone, and small/foldable enough to put into a backpack or hang on the outside of the pack. I'm also looking for one that can charge a 230 watt-hour portable battery. I have an Olight Ostation. It charges from AC with an 18 volt



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