



# Reliable solar power bank

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I tested their solar charging ability by measuring how much solar energy they collected, checked their battery capacity to spot any exaggerated claims, and used them to charge my devices day to day.

Here's the TLDR version of my rankings if you're in a hurry. However, before deciding to buy, I'd encourage you to first read the section on the problems with solar power banks.

The QiSa was the clear winner of my testing. It placed second in my solar charging test, collecting 6.91 watt hours over the course of 2 days. That's enough to charge up an iPhone 15 Pro battery by around 54%.

It's also got the best combo of features of any of the power banks I tested. It has 4 solar panels rather than just 1. It has 2 charging ports plus wireless charging, meaning it can charge up to 3 devices at a time. It has a flashlight. And it has a USB-C connector type, rather than the cheaper Micro USB.

If you want a solar power bank, this is the only one I've used that I can even begin to recommend. It'll work well for topping off your phone outdoors when hiking or as a backup charger in an emergency situation.

It's important to point out that its tested capacity of 44.04 watt hours was wildly off its listed capacity of 143.56 watt hours - only 30.7% of its listed capacity. Sadly, some power bank brands on Amazon have gotten into an unfortunate habit of exaggerating their capacities. The funny thing is, at that listed capacity, the TSA says you have to get airline approval to carry it onboard.

So, despite being the winner of my testing, it gets the most lukewarm recommendation from me possible. It's just hard to trust the long-term quality of cheap power bank brands - let alone one whose actual capacity is so far off from its listed capacity.

The Survival Frog QuadraPro placed first in my solar charging test, collecting a total of 8.36 watt hours over the course of 2 days. That's enough to charge an iPhone 15 Pro battery around 66%. Not bad!

Couple that mixed performance with the high price of this unit and I came away feeling that it just isn't worth it. Yes, it did come in first in my solar charging test and these are solar power banks. But, because they solar charge slowly, I found myself mainly using them as regular power banks.

It does have wireless charging and a couple carabiners which make clipping it to a backpack easy. It also feels the most premium of the bunch. If you want the solar power bank that's best at solar charging, this is it. But its low battery capacity is hard to overlook.



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Not very well, I'm afraid. The Blavor placed last in my solar charging test, collecting a mere 0.86 watt hours over the course of 2 days. That's not even 7% of an iPhone 15 Pro battery. Yikes.

The USB-C connector and wireless charging are nice touches that make it a decent option if you charge it from the wall and use it as a regular power bank. Just don't expect to ever get much, if any, power from the solar panel.

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