



The MISO20 Solar Generator (actual picture by Loom Solar on Unsplash)

FAQ

Q: Why should I choose a solar generator instead of a gas-powered generator?



In short, solar generators are cleaner, greener, and can save you money. Gas-powered options don't *store* electricity; they *make* electricity from the gas you pour in. That means they have to keep chugging fuel to keep your lights on— and that can get pricey.

Solar generators are a larger upfront payment, yes, but they don't have this problem. Solar energy is one hundred percent clean (no carbon monoxide), free, renewable, and— except during a solar eclipse— always available. Plus, unlike gas, solar energy doesn't expire.

Q: How long does the battery take to charge?



We tested various levels of sunlight, from spotty New England sun to full Arizona sun. Our engineers concluded the battery takes 1½–3 hours to go from zero to full charge.

Q: How long will the MISO20 last at full battery, if it's not charging?



That depends on how much electricity you use. The MISO20 battery pack holds 6,000 Watts (W) at max capacity, and it keeps charging while you use it. In our trials:

- It kept an 800 W/hour refrigerator running for three days.
- It charged two iPhone 13s 148 times apiece.
- And it warmed our [best 1,500 W/hour portable heater](#) for 39 hours.

With a continuous output of 2000W per hour, your most power-hungry tools, including some dryers, water heaters, and well pumps, can be well-fed.

Just remember: these are *estimates*. Your own usage will vary. But go ahead and shop around— you won't find these Watts for this price anywhere else.


Q: Do I need to have the MISO20 panel installed on my roof?



You don't need to have it installed on your roof. We designed the MISO20 and its panel for you to place anywhere you need it. The panel is as easy to set up as resting it on its kickstands, plugging it into the battery, and getting on with your day. A sunny, south-facing spot is best— ground panels collect just as much energy as roof panels.

Q: How do I know how much charge is in the battery?



To see how much charge is in the battery, read your generator's home screen. The percentage next to this bar  tells you how much energy rests inside— for example, 50%.

Q: Can I take the MISO20 with me on the road?



Yes! The MISO20 is perfect for your RV, camping, off-grid, and more.

Check out our [RV installation guide](#) or [off-grid installation guide](#) to get started. Or, just set up the panel, plug it into the battery, and get back to your life.

Q: How do I clean my MISO20 solar panel?



To clean your MISO20 solar panel, spray it with a light hosing to remove dirt and debris. A car sponge will take care of the stickier stuff. And while these panels *are* tough, we don't recommend scraping off ice with an ice scraper— it can damage the anti-reflective coating.

See our [crowdsourced guide to solar panel cleaning and maintenance](#).

Q: How do I monitor my battery's charge level with the MISO app?



To monitor your generator's charge level remotely, see [Using the MISO generator app](#).