



Solar system for dummies

Essentially we need three (3) to four (4) days fuel preps before a hurricane for a generator as a starting point. It suggests five (5) days as a good average. Yes, we know the real time to restoration was up to 14 days in the USA for Helene. Some in Georgia and North Carolina are on day 14.5 now and still do not have power, but that is rare.

For a stand-alone solar generator, Ecoflow and Anker Solix are pretty solid units that provide 240 right out of the box, without having to do a combiner or anything like that. You can get a unit, potentially an extra battery, and some solar panels to run/re-charge as needed.

You can have a 12V battery backup from a USB rechargeable power bank or a battery array full of 12V batteries that fills a shipping container and connected to a complex inverter/charger system and transfer switches etc. The 12V battery bank in and of itself has not been made irrelevant by technology. It's a matter of how much power, for ...

A "solar flare broke all the electronics" worst case scenario is mechanically very similar to an EMP one. DKR had a thread on the x7 and x9 level cmes, the x7 hit yesterday but it was raining here so no northern lights. These are big but not catastrophic, any x class is big but the scale is geometric. Carrington was x45.

Solar storm incoming. Mods. If this is not the right place please move. The NOAA has issued a warning that earth will experience A level 4 out of 5 geomagnetic storm probably Thursday Oct 10. Supposedly grid operators, satellite owners, etc have been warned. Expect possible communication interference, possible voltage spikes etc.

5 posts · Joined 2023. #9 · Oct 2, 2024. If its an EMP attack, note that the Electromagnetic Pulse travels out from its origin in all directions, which means the Starlink Sats would get hit as well. Note that sats are hardened against solar storms which create EMPs so they might survive.

The Tesla powerwall is about \$500 per KWH, about the best deal around when considering lithium alternatives. As others push \$1000 per KWH. The Golf cart battery remains cost competitive, at \$99 ea. at Costco. 220AH, 4 batteries make 24V, $110 \times 24 = 2.6 \text{KWH}$, \$400. Put another way, golf cart batteries are about \$150 per KWH.

I would get the Jackery Pro 3000 series, personally for solar. I'd also see about putting solar panels on the roof and having a solar off-grid-ability. The below is from homedepot. Here is the math you need to know: Running wattage (R) + Starting wattage (R x 3) = Total wattage needed. Running Wattage (R) = 350 watts.



Solar system for dummies

I will attempt to help those who are starting down the solar/wind generator road. Let's start at the beginning and figure out how much power you actually need. :thumb: Adding up your energy needs. Add each appliance by watts and hours of use each day. (WH=watt hours) Example : 5 Hi-Eff...

1. Yes, solar panels will still work when overcast/cloudy/raining, usually ~10-25% of its rated power. This is why solar/battery systems are designed for worst case scenario, not best case. 2. Peak sun hours (Solar Hours) vary based on location and time of year. The angle of tilt of the panel can change how much power it generates considerably.

Web: <https://jfd-adventures.fr>

Chat online: <https://tawk.to/chat/667676879d7f358570d23f9d/1i0vbu11i?web=https://jfd-adventures.fr>