

VIDEO: What You Need to Know About Emergency Solar Systems

In this video, Tyler explores some of the content included in [Survival Sanctuary](#). In particular, he discusses how to build an expandable solar power system.

This type of solar system will allow you to charge electronics when the grid is down, and while setting one up is relatively simple, there are some things you need to know.

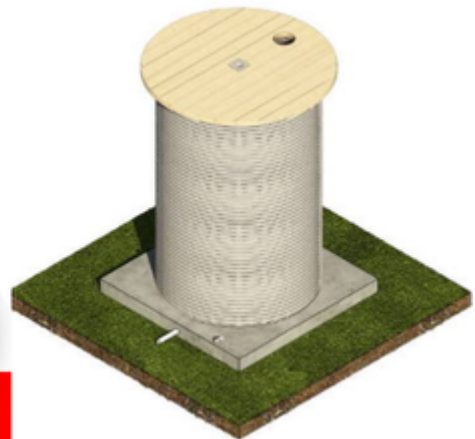
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Tyler covers the proper amp hour to Watt ratio. This is to ensure that your panels can charge your batteries in a reasonable amount of time and that your batteries can provide the amount of electricity you think you'll need.

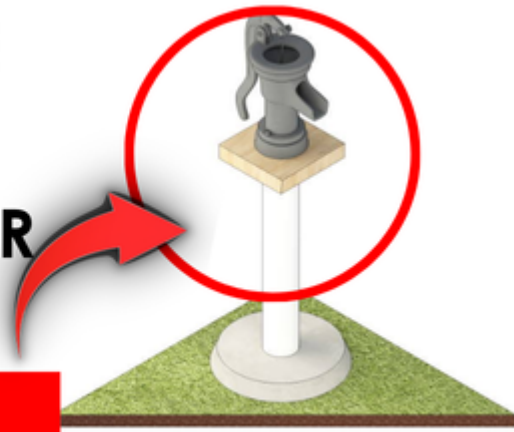
A key component in this solar power setup is the charge controller. This piece of equipment makes sure that your panels aren't pulling power from your battery array when they aren't exposed to the sun. Likewise, the controller makes sure that your panels don't push power to the battery once it's fully charged. If a solar setup doesn't have some sort of charge controller, it will inevitably damage the batteries. Also, the controller you use for your system should match the type of battery you plan to use.

Tyler also explains the importance of other technical skills, such as wiring batteries in parallel versus a series. Essentially, to maintain voltage, you connect all of the positive terminals to positive terminals and the negative terminals to negative terminals.

Survival Sanctuary offers lots of information and guidance on how to build a shelter that can provide you with your needs. Don't miss out on the wealth of resources in this book.

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