



Off grid solar power setup

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How to build an off grid solar system:

If you're looking for a safe, reliable way to build your own massive DIY off-grid solar system at a fraction of the cost, you've come to the right place.

Hi there, we're Jonathan & Ashley from Tiny Shiny Home. Our family of 6 spent many years traveling full-time in our renovated vintage Airstream before finding some off-grid property in Cochise County, Arizona to settle on.

Our dream here is to build a sustainable off-grid homestead from the ground up using solar power, water catchment, and natural building techniques to create an oasis in the desert.

We'll be doing a full cost breakdown in a separate article and video, but today we're focusing on the planning, building, and installation process we went through to build a fully independent off-grid power system.

Before we go further, let's give you a high level overview of our off-grid solar power system.

Disclaimer: I'm not an electrician, nor do I play one on . All information here is solely for entertainment purposes, and all electrical work should be performed by qualified individuals according to local electrical codes. Cool? Cool.

Ever wondered what all the major connections look like on a custom solar system like ours? As part of this deep dive, we created a very detailed replica of our wiring setup.

Get up close and personal with this super detailed, impeccably illustrated hi-res PDF of our full off-grid power setup with a schematic representation of how everything in our 7200W, 28kWH, 120V off-grid battery and solar system connects together. Includes bonus individual component wiring configs, too!

Get Access for \$59 or [Learn More](#)We have to mention that our solar and electrical install were part of a larger project - our hyperadobe earthbag solar shed office. Besides needing somewhere to store our batteries and power gear, we needed an office, a guest room, and really just some extra breathing room. The Airstream was getting a little cramped.

Plus, it was a chance to explore a bunch of natural building techniques that we'll use as we design and build other earthbag buildings here on our property. Setting up an independent power system was an important piece of infrastructure, a huge step for our homestead.



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We're excited to share our power setup with you because we believe we've found an incredibly cost effective way to build a massive 100% off-the-grid system that is safe, stable, and reliable.

Contact us for free full report

Web: <https://kary.com.pl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

