



OFF-GRID COMBO KIT

A ThinHaus is constructed like a house, only smaller and less costly to buy and live in. That doesn't mean that some folks won't want to set one up far, far away from city services and other people. How do they do this and is it really so different from building an off-grid house? The answer is no ... it's not really all that different. In many ways, it's the same only simpler ... if you use our Off-Grid Combo Kit.

SOLAR + Batteries

Did you know that one of the ThinHaus companies is a licensed solar contractor here in Arizona? We've been designing solar for years and actually know something about all this.

We know solar. We know mounting systems and we know batteries. We are dealers for many of the most well know solar component companies in the world and we can design the perfect solar array for you and build it.

If you need electricity and the nearest power line is fifty miles away, then solar panels are probably



Ground Mount Solar Panels

your best choice. You'll need a lot of them along with batteries ... but it is definitely possible and it works.

Expect to spend \$34,385USD or more for a decent sized ground mount system. The roof of your ThinHaus can take the weight, but is simply too small to help you much. Look for a sunny spot near your THoW and we'll run underground conduit to make the whole thing work. Wind can work, but solar is your best choice here.

WATER + Storage

You gotta have water. Everything you do uses water. Turns out that it's not all that expensive and if you're clever and live in the right spot, you can even collect it from the sky for free. You will need to



GEI Works Water Tank

keep it clean, store it and pump it around, but these are things you can do easily enough with a little engineering and some careful construction.

First thing will be to figure out how much water you need (number of people living in your ThinHaus is a good start here) and how often you want to deal with it. Then you can design a perfect system, get all the parts and pieces and install it all. Figure to spend \$19,125USD.

Like all parts of the Off-Grid Kit, you can do this part by itself, if you like.

SEPTIC + Sanitation

No one likes talking about poop ... but here we are anyway. If you are alive, it happens and we have to do something about it. City folk are hooked up to sewer lines and it all sorts of disappears. THoW folks can do the same ... unless you are ten miles from the nearest public utility. If that's where you are, then a classic septic tank is the solution to your dilemma.

Fortunately, it's a simple solution and one that only requires a little bit of space and some planning.



AK Industries Septic Tank

You can go small to start and then go bigger if you need to or you can just do it once for \$16,955USD and be done with it. It's not the sort of thing that you can do without and it's not the sort of thing you want to "cheap out" and then have to deal with later.

Do it right and then it will be done.

