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Be Your Own Independent Power Supplier

Power your cabin without a bill

With record low prices on solar panels, now is the time to go off grid.

The kit includes:

- 6 Jinko 240 W Poly panels
- 1 FLEXpower ONE Inverter
- 4 Energycell RE Outback Power batteries

Why buy this kit?

- No more delivery fee for electricity.
- To guarantee power in places where the grid is known to have interruptions
- Not ready to go completely off grid? This system can be either grid interactive or completely off grid. This kit is flexible.
- Solar panels don't have any moving parts which makes for minimal maintenance on this system.

What can this kit actually do?

- This kit has the basic components to allow you to take your cabin off grid for mainly weekend use. It will power your fridge all week and have the battery power for you when you go up on the weekends.
- The system can be hooked up to the power grid if you need more power.
- In the winter, this system will generate about 3.5 kWh day. That's enough to keep your fridge going and even a security system or a heated waterline.
- In the summer, with its longer days, you'll make about 7.8 kWh a day. That's enough to run a whole cabin on the weekends and power the fridge for the whole week.



Jinko Panels

Solar panels are the heart of any solar array. The Jinko 240 panels are used in this kit because of their sturdy design which offers a long life in Canada's harsh and constantly changing climate from season to season. They are also known for their excellent performance in low light.



Outback FLEXpower ONE

The FLEXpower ONE includes a single inverter, AC and DC wiring boxes, a charge controller, surge protector and monitoring. This product is one of the simplest inverters to install because it comes prewired. It has a compact design while still accommodating all the essential protective features in the smallest possible space.

Batteries are your new best friend

The EnergyCell RE battery is designed for high power density and renewable energy applications. This sealed battery utilizes Absorbent Glass Mat (AGM) technology for a long maintenance free life. The EnergyCell RE also features front mounted terminals for easy access and built in carrying handles.



OutBack Energycell Front Terminal Battery



Warranties

Jinko Panels come with 5 year warranty on materials and workmanship. They have a linear warranty on power production meaning that annual output is predictable. To top this off there's a third party warranty with Power Guard for 25 years.

FLEXpower ONE has a five year warranty on all materials and workmanship.

EnergyCell RE has a two year warranty on materials and workmanship

Requirements for installing this kit



This kit comes with 85% of the parts needed to build your off grid solar array.

What is not included is the racking system which holds the panels to either your roof or the ground.

We can help you choose the most appropriate solutions for your project.

For roof installations you will require a minimum of 200 square feet.

The system is designed to be installed by you but a second person will come in handy. You can do everything but the final wiring, which will require the help of a licensed electrician.

This kit typically takes two to three days to install. The heaviest component on the roof is the panels, which weigh about 20 kg. The batteries are about 75 kg. So you'll need a way to move them around.

The only tools you need are a cordless drill and a socket set. A level might come in handy.



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