



*"I've always used Trojan batteries to provide reliable backup power for my Tiny House homestead because of their longevity and impeccable reputation. They are my 'go to' battery," Bonnielee Cuevas, Tiny House Homesteader and host of BohemianEcoLove.com.*

**Solar Powered Tiny House**  
Georgia & Tennessee

## ***Solar Powered Tiny House*** Georgia & Tennessee

The "Tiny House" movement has taken the country by storm. But for some, living the "Tiny House" experience has been a way of life for the last several years. Be it downsizing to reduce living costs, a desire to live a simpler life, reducing the environmental impact versus traditional home living, or simply to travel and see the country, "Tiny House" living has reach epic proportions with a wide range of demographics adopting this new lifestyle. With most tiny house homes measuring less than 300-square-feet, a smart and thoughtful design is key, as well as, ensuring that modern amenities such as electricity is available.

With many "Tiny House" homeowners living off-grid, a smart, well thought out renewable energy system, such as solar, is key to providing electricity to meet their basic everyday living needs. The combination of solar panels to capture the power of the sun, and storage of that energy in batteries, provides "Tiny House" residents with the ability to run appliances, power lighting, and operate computers.

"Tiny House" pioneers, John Kernohan and his wife Fin, along with Bonnielee Cuevas, have relied on Trojan deep-cycle batteries to provide a reliable energy backup solution that enables them to live a sustainable, off-grid lifestyle.

## Georgia – John & Fin Kernohan

Founders of United Tiny House Association & Tiny House Festivals



John and Fin Kernohan built and have been living in their 304-square-foot tiny house, known as Beloved Cabin, since December 2011. They currently reside on their small homestead in the woods of Georgia, where they have embraced solar energy and rain water collection, as well as raise chickens and grow their own vegetables and fruits.

The Kernohans are early pioneers of the modern “Tiny House” living movement, and are founders and board members for United Tiny House Association. The United Tiny House Association is a “Tiny House” education organization responsible for organizing the Tiny House Festivals which are held in Florida, Georgia, New Jersey and Tennessee.

To provide the needed electricity to power the couple's “Tiny Home” necessities, the Kernohans adopted a hybrid solution which is mainly powered by a solar system using Trojan batteries, combined with a diesel generator used for emergency power backup only.

“Adopting tiny house living in 2011, my wife and I have relied on Trojan batteries to power the basic necessities most people take for granted each day, such as lighting, appliances, television, as well as Wi-Fi, cell phones and laptops,” John said. “We’ve selected Trojan batteries as our ‘battery of choice’ since beginning our ‘Tiny House’ living journey because of their reputation for quality, reliability and durability.”

\*The L16RE-B battery has transitioned to the Solar Premium SPRE 06 415 battery.

### System Specifications:

- Batteries: (4) Trojan L16RE-B\* deep-cycle flooded batteries, Premium Line
- Battery Bank Wattage: 48V 1021 Ah
- Solar Panels: (4) 100-watt, 12V Renogy PV panels
- Charge Controller: Renogy Tracer 4210 amp MPPT
- Inverter: (1) Bestek 1000W



### For more information:

Trojan Battery Company  
[www.trojanbattery.com](http://www.trojanbattery.com)

United Tiny House Association & Festivals  
[www.unitedtinyhouse.com](http://www.unitedtinyhouse.com)

## Tennessee – Bonnielee Cuevas

BohemianEcoLove.com -- Tiny House Speaker, Advocate, Mentor and Writer



Bonnielee Cuevas is a Tiny House owner and lives with her 13-year-old son on their homestead in rural Tennessee. As a speaker and writer on “Tiny House” living, Bonnielee has been living a Tiny House lifestyle for several years.

“Going off-grid and living a minimalist lifestyle was a personal decision that our family made, and it was not made lightly,” Bonnielee said. “Choosing alternative sources of power to lessen our carbon footprint and save on overall living expenses, took meticulous planning, as well as an understanding of how the entire system of a ‘Tiny House’ works. This included the use of off-grid solar technology and deep-cycle batteries as power sources.”

“Living off-grid has provided my family with so many advantages of living a simpler, more sustainable lifestyle,” Cuevas said. “Trojan deep-cycle batteries enable me to run necessary items such as our WiFi and security system 24/7. The reliability and durability of Trojan batteries have made them my ‘go to’ battery, and is the brand I recommend in all my speaking engagements.

“At the end of the day, this adventure we call an ‘off-grid’ life has been incredibly fulfilling for my family’s body, mind and spirit, and I have Trojan to thank in part for that.”

The Cuevas family relies on solar power with Trojan battery backup to operate appliances, lighting, and a security system. It also provides power for their home office where Bonnielee manages her business which includes writing her blog and event presentations, as well as where her son does his homework.

### System Specifications:

- **Batteries:** (4) Trojan T-105 deep-cycle flooded batteries
- **Battery Bank Wattage:** 450 amp hours @ 20-hour rate
- **Solar Panels:** (4) 100-watt, 12V Windy Nation PV panels
- **Charge Controller:** 30 amps
- **Inverter:** (1) Windy Nation Vertamax 3000W, 3000 peak 1500 RMS



### For more information:

Trojan Battery Company  
[www.trojanbattery.com](http://www.trojanbattery.com)

Bohemian Eco Love  
[www.bohemianecolove.com](http://www.bohemianecolove.com)



Trojan batteries are available worldwide through Trojan’s Master Distributor Network. We offer outstanding technical support, provided by full-time application engineers.

**For a Trojan Master Distributor near you, call 800.423.6569 or + 1.562.236.3000 or visit [www.trojanbattery.com](http://www.trojanbattery.com)**

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