

OFF-GRID TINY HOUSES

➤ GEORGIA & TENNESSEE, UNITED STATES



“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. WE’VE SELECTED TROJAN BATTERIES AS OUR ‘BATTERY OF CHOICE’ BECAUSE OF THEIR REPUTATION FOR QUALITY, RELIABILITY, AND DURABILITY.”

JOHN KERNOHAN ➤ TINY HOUSE HOMESTEADER IN GEORGIA

➤ LOCATION	➤ CHALLENGE	➤ SOLUTION	➤ OUTCOME
Georgia & Tennessee	To provide energy storage and backup for solar-powered tiny houses.	Trojan solar and deep-cycle batteries.	Reliable 24/7 power for tiny house homeowners.



4 BATTERIES

300 SQUARE FEET

24/7 ENERGY FOR WIFI, COMPUTERS,
& SECURITY

LOCATION

Remote locations in rural Georgia and Tennessee.

CHALLENGE

For many 'tiny house' homeowners living off-grid, a smart and well-planned solar system is key to providing electricity to meet their basic, everyday living needs. However, to provide energy around the clock, reliable storage and backup systems are necessary.

SOLUTION

For the Kernohans in Georgia, the combination of solar panels to capture the power of the sun and batteries to store that solar energy provides them with the ability to run appliances, power lighting, and operate computers.

In Tennessee, the Cuevas family relies on Trojan deep-cycle batteries as their energy backup system to reduce their carbon footprint and save on overall living expenses.

SYSTEM SPECIFICATIONS - GEORGIA

- Batteries: (4) Trojan SPRE 06 415 deep-cycle flooded batteries
- Battery Bank Wattage: 48V 1021Ah
- Solar Panels (4) 100 Watt, 12V Renogy PV panels
- Charge Controller: Renogy Tracer 4210 Amp MPPT
- Inverter: (1) Bestek 1000W

**The Solar Premium SPRE 06 415 battery was previously known as the L16RE-B battery.*

SYSTEM SPECIFICATIONS - TENNESSEE

- Batteries: (4) Trojan SSIG 06 255 deep-cycle flooded batteries
- Battery Bank Wattage: 450Ah @ 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 150 RMS

**The Solar Signature SSIG 06 255 battery was previously known as the T-105 battery.*



For More Information / www.trojanbattery.com / www.unitedtinyhouse.com

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Trojan batteries are available worldwide and backed by outstanding technical support provided by full-time application engineers.

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OUTCOME

This system provides an affordable, sustainable way to live off-grid. "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 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." Bonnielee Cueva

BATTERY SOLUTION



- Rugged durability
- Outstanding performance
- Lowest life-cycle cost



PARTNER



United Tiny House Association & Festivals
www.unitedtinyhouse.com



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