



POWERHOUSE GRID™ SOLUTIONS

Residential Energy Storage

MINI-GRID | GRID-TIED | GRID ZERO | SUPPORT | BACKUP | UPS | GENERATOR | POWER TRADING TECHNOLOGY

Trojan Battery Sales is the **exclusive distributor** of the **PowerHouse Grid™ Energy Storage Solutions**. These robust Residential Energy Storage Solutions provide tremendous emergency backup power capabilities, especially during devastating storms, or grid brown-outs and black outs. It is designed to be used for both grid-tied and off-grid applications.

This plug-n-play unit comes in three models and can be easily installed to provide continuous or emergency backup power for your home.

Solar panels charge maintenance-free deep-cycle Trojan Solar AGM batteries that provide between 3 to 5 days of autonomous residential backup power, which can also be configured for longer durations.

GAME CHANGING TECHNOLOGY

Power Trading Technology makes **PowerHouse Energy Storage Solutions** the first system to fully integrate residential

on-site generated power using Solar PV with the utility provider. This allows both parties access to locally stored energy, as well as, real-time enhanced demand based import/export features.

This ground breaking, all-in-one solution enables residential customers to generate and store their own power, while utilizing **Power Trading Technology** to better assist the antiquated grid in management of distributed power assets.

- **Cost Effective**
- **Emergency Backup Power During Hurricanes & Devastating Storms**
- **Increased Performance & Reliability**
- **3 Models, 8 Operating Modes, ONE TOTAL SOLUTION**

THREE MOST POPULAR SYSTEMS

| | | |
|--|---|---|
| <p>MODEL 2.46 CPR</p> <p>Basic System Basic residential energy backup system for emergency utility out-of-use or as a grid supplement.</p> | <p>BEST MODEL 4.92 CPR</p> <p>Average Home Most commonly sold Residential Energy Storage system that supports sustained power outages.</p> | <p>MODEL 9.84 CPR</p> <p>Enhanced Storage For larger Residential generation and storage requirements as well as light commercial.</p> |
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AVAILABLE NOW!

Special Rebate Incentive for Customers of

JEA®

CALL NOW
1-800-259-4970

*CPR: Continuous Power Rating



POWERHOUSE GRID™

System Specification Range

COMPONENTS

Batteries: 2-8 Trojan Maintenance-Free SAGM

12V 205 Ah rated @ 24 hr. Discharge

Inverter: True Sinewave PH485 UL 1741

Charge Controller: FM60 or FM80 w/MPPT

Solar Panel Modules: This system is compatible with any solar PV panel

Cabinet: Rugged high strength stainless steel frame & casing

Weight: 90-125 lbs

Cabinet Dimensions: 2.46 - 36"W, 42"H, 11"L

4.92 - 52"W, 42"H, 11"L

9.84 - 18"W, 66"H, 16"D

NEMA 3 Electrical box design

Conforms to UL Standard 508A 1st Edition

Modular, expandable architecture with forward integrated design

PERFORMANCE

24 - 48 Volt DC System with an almost 5 kW - 19.5 kW battery bank supporting almost 820 amp hours @ 24 hr rating

Continuous Power Output = 410 - 10,200 Watts AC @ 8500 Watts for 5 seconds with 25 - 42.55 amp surge while maintaining 12.3 - 35 amp hours of continuous load output

Integrated auto transfer circuit

System Monitoring: for direct communications & information exchange via Internet or cellular modem, provided as an upgrade

Uninterrupted switching between grid power and AC inverter output

INTRODUCING THE POWERHOUSE PORTABLE SOLUTION ANOTHER INNOVATIVE SOLUTION!

PowerHouse Grid™ and Trojan Battery Sales are proud to announce the latest addition to our renewable energy storage family, **The PowerHouse Portable**. This system was designed for rapid response emergency backup power. The simple plug-and-play design enables you to easily connect 1 to 6 PV solar modules with any Trojan battery (yes, even golf cart batteries), for instant access. A durable Pelican™ enclosure is sized to conform to most airlines carry-on luggage regulations.



CALL NOW FOR A FREE QUOTE!



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