



# POWERHOUSE GRID™ 2.46

## System Specifications

Trojan Battery Sales is the **exclusive distributor** of **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.

The PowerHouse Grid 2.46 is ideal for basic energy residential energy backup. This plug-n-play unit 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.



### COMPONENTS

**Batteries:** (2) Trojan Maintenance-Free SAGM 12V 205 Ah rated @ 24 hr. Discharge

**Inverter:** True Sinewave PH482 UL 1741

**Charge Controller:** FM60 w/MPPT

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

**Cabinet:** Rugged high strength stainless steel frame & casing

**Weight:** 90 lbs

**Cabinet Dimensions:** 36"W, 42"H, 11"L

**NEMA 3** Electrical box design

**Conforms** to UL Standard 508A 1st Edition

**Modular**, expandable architecture with forward integrated design.

### PERFORMANCE

Can be configured to support between **12 Volt to 24 Volt DC** system with nearly 5kW of battery bank storage capacity supporting from 205 to 410 amp hours @ 24 hr. rating

**Continuous Power Output** = 3,000 Watts AC @ 5,000 Watts for 5 seconds with 25 amp surge while maintaining 12.3 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

**CALL NOW FOR A FREE QUOTE!**



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