



SOLARESS™ 9.84

Residential Energy Storage Solution

Trojan Battery is proud to present our robust Residential Energy Storage Solution, **Solaress 9.84**, which provides tremendous emergency backup power capabilities, especially during devastating storms or grid brown/blackouts in your region. The Solaress system is designed to be used for both grid-tied and off-grid applications.

Solaress 9.84 is ideal for mid to large size homes. This plug-n-play unit can easily be installed to offset your monthly electric bill and provides sustained emergency backup power for your home contains nearly 19.68 kWh's of name plate storage capacity and over 9,500 watt hours of usable capacity. Our modular systems feature scalable storage capacity that can easily be expanded based upon your requirements.

Solar panels (purchased separately) charge maintenance-free deep-cycle Trojan Solar AGM batteries that provide up to 5 days of autonomous residential backup power depending upon household requirements and can easily be configured for longer durations.



**CALL NOW FOR
A FREE QUOTE!**

Trojan Battery Sales

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SYSTEM FEATURES

- Trojan Battery Maintenance-Free Robust Solar AGM batteries
- Rugged High Strength Stainless Steel Frame & Casing Enclosure/Inverter & Battery Cabinet
 - Inverter Cabinet Dimension: 52"H, 36"W, 18"D
 - Inverter Cabinet & Components Weight: 420 lbs.
 - (2) Four (4) Battery Cabinet Dimensions: 24"H, 36"W, 22"D
 - Four (4) Battery Cabinet Weight (not including batteries): 90 lbs.
 - Total Combined Unit Weight (not including batteries): 600 lbs.
 - Total Combined Unit Weight with batteries: 1648 lbs.
- Split-phase 120/240V, True Sinewave Output, 48V System
- 8000W Radian Inverter 60Hz (50Hz selectable)
- Factory tested, pre-wired and pre-configured
- Easy connection with a pre-assembled system and fully integrated GS Load Center (GSLC175-PV1-120/240)
- Optimized system footprint for a quick and clean installation
- GridZero technology optimizes the balance between stored and renewable energy sources, minimizing grid dependence
- Advanced Battery Charging (ABC) supports leading-edge battery technologies
- Dual AC inputs for seamless generator integration in grid-interactive applications
- Grid-interactive and stand-alone capability in one unit
- System monitoring via web interface with OPTICS RE

BATTERY SYSTEM COMPONENTS

Trojan SAGM 12 205:

- **Batteries:** Eight (8) Trojan Maintenance-Free SAGM12 205 batteries Ah rated @ 20 hr. discharge.
- Three (3) Year Limited Solar Battery Warranty
- UL-recognized component

OUTBACK SYSTEM COMPONENTS

- **Radian Inverter:** GS-8048A-01
- **Charge Controller:** Two FlexMax 80A 150V MPPT
- **Communications Controller:** MATE3s
- **Communications Hub:** HUB 10.3
- **Pre-wired Load Center:** GSL175-PV1-120/240
- **Flexnet DC:** FN-DC
- **Remote Temperature Sensor:** RTS
- **Surge Protector:** FW-SP-250
- Outback components carry all of the necessary UL Certifications (UL1741-SA)
- 5-Year Standard Warranty with a 10-Year Option (sold separately)

* The Solaress system must be installed by a licensed electrician. Not designed for use with medical devices or life support systems.

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