

SMALLER!

ANNOUNCING A ^ PORTABLE POWER SYSTEM FOR OPERATING SODAR AND/OR HEATED WIND SENSORS AT REMOTE LOCATIONS

Fast, Easy Set Up; Start Collecting Data within a Few Hours of Arrival at Site



5'W x 8' L TRAILER HOUSES POWER SYSTEM



INTERIOR VIEW

Sodar / Heated Wind Sensor Power Trailer Specifications and Features

- ✓ Dimensions: 5'(W) x 8'(L) x 7' 5"(H);
- ✓ 2,500-lb. Torflex Axle
- ✓ All-Wheel Brakes
- ✓ LED exterior lights
- ✓ 14" Ground Clearance
- ✓ All-steel frame construction
- ✓ ¾" Wolmanized plywood floor
- ✓ interior lighting
- ✓ 117VAC convenience outlets
- ✓ Automatic Interior Ventilation System (200~1,650 ft³/min. user-adjustable, variable speed 12" shuttered fan with motorized shuttered air intake)
- ✓ Weight ~2,350 lbs (200 lbs at hitch)
- ✓ GVWR: 2,750 lbs.
- ✓ Available Cargo Space: 75 ft³
- ✓ Includes: 2 wheel locks, spare tire, hydraulic jack, wheel chocks, lug wrench
- ✓ Adjustable rear stabilizer stand posts
- ✓ Seamless aluminum roof
- ✓ Full-width rear door and 30" W side door, each with keyed cam bar lock
- ✓ Interior height: 6 ½ feet
- ✓ Standard cell modem or optional satellite modem and antenna available for data communications

Power System Specifications

System Power for Sodar: Up to 400W RMS, 12 or 24VDC (adjustable); Regulation: ±0.1VDC; Ripple and Noise: 0.1mV

System Power for Sensor Heaters: Up to 1,000W at 120VAC

Power Cable (Standard): 50-Ft., AWG 6 in flexible armored conduit

Fuel Tank: 50 gl. or 80 gl. (diesel fuel)

Fuel Consumed for One Battery Charge Cycle: ~3 gl. @25°C

Unattended System Operating Time with 80-Gallon Fuel Tank:

- ✓ 82 Days (Sodar Only 50W)
- ✓ 67 Days (Sodar + Heater 75W)
- ✓ 17 Days (Sodar + Heater + Four NRG Ice-Free Wind Sensors with heaters operating continuously 475W)

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