ENVIROPLAN CONSULTING

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 ft^3/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 ft^3
- ✓ 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)

For further information, please contact Dave Cummings (davec@enviroplan.com)
Or Ron Baldwin (rbaldwin@enviroplan.com)

81 TWO BRIDGES ROAD ■ FAIRFIELD, NJ 07004 ■ 973-575-2555 ■ www.enviroplan.com