

**ANNOUNCING A PORTABLE POWER SYSTEM  
ALLOWING WIND FARM DEVELOPERS AND  
OPERATORS TO DEPLOY AND OPERATE  
LIDAR AT REMOTE LOCATIONS**

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



**TRAILER HOUSES POWER SYSTEM AND LIDAR**



**INTERIOR VIEW**

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**Power Trailer Specifications and  
System Features**

- ✓ Dimensions: 12'(L) x 6'(W) x 8'(H);
- ✓ Tandem Axle
- ✓ All-Wheel Brakes
- ✓ LED exterior lights
- ✓ 14" Ground Clearance
- ✓ All-steel frame construction
- ✓ 3/4" Wolmanized plywood floor
- ✓ 3/4" plywood interior walls
- ✓ interior lighting
- ✓ 117VAC convenience outlets
- ✓ Automatic Interior Ventilation System (200~1,650 ft<sup>3</sup>/min. user-adjustable, variable speed 12" shuttered fan with motorized shuttered air intake)
- ✓ Weight ~4,900 lbs (300 lbs at hitch)
- ✓ GVWR: 6,000 lbs.
- ✓ Available Cargo Space: ≥ 150 ft<sup>3</sup>
- ✓ 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 1/2 feet
- ✓ Optional satellite radio modem and antenna available for data communications

**Power System Specifications**

- System Power Output:** Up to 700W RMS, 24 to 28VDC (adjustable); Regulation: ±0.1VDC; Ripple and Noise: ≤ 0.1mV
- Power Cable (Standard):** 50-Ft., AWG 6 in flexible armored conduit
- Lidar Run Time on One Battery Charge:**
- ✓ 4 days @122 Watt load
  - ✓ 2 Days @300 Watt load
- Fuel Tank:** 50 gl. or 90 gl. (diesel fuel)
- Fuel Consumed for One Battery Charge Cycle:** ~3.8 gl. @25°C
- Unattended System Operating Time with 90-Gallon Fuel Tank:**
- ✓ 85 Days (Lidar load ≈150W)
  - ✓ 43 Days (Lidar load ≈300W)