

# SciArk™



## Mobile Lab Solutions

Envirolytics™ creates, designs, and delivers customized mobile platforms and related devices for scientists, companies, and equipment manufacturers to power their equipment, sensors, and electronics for extended periods of time, unattended, whenever conventional power supplies are limited or unavailable.

**ENVIROLYTICS™**  
[www.envirolytics.us](http://www.envirolytics.us)

## **Key Features**

- ✓ Patent pending mobile platform(s) and related devices
- ✓ 600+ mile driving range
- ✓ Manual selection of regular gas and/or propane fuels to job site
- ✓ Alt-fuel vehicle, EPA certified
- ✓ Zero pollution when stationary
- ✓ Solar assisted battery charges in vehicle and in cargo area
- ✓ 40+ hour run-time of scientific instruments without shore power
- ✓ 10 AGM batteries (6-volt, 400 amp hour) in cargo area
- ✓ 4500 watt portable sine wave inverter runs on gas or propane (EPA and CARB certified) when shore power is unavailable
- ✓ DOT approved propane tanks in pull behind trailer for portable inverter
- ✓ Two pure sine-wave inverter/battery chargers in cargo area to independently operate three science stations
- ✓ Cargo area insulated with R-30 and 0.4mm Mylar, IR protected
- ✓ Roof mounted high efficiency AC unit - 13,500 BTU, 10.2 running amps
- ✓ Continuous operation of equipment (mobile or stationary) for extended periods of time, unattended
- ✓ Encrypted data streamed to client locations
- ✓ Turn-key, plug-play-go platform
- ✓ Client customization, both vehicle and trailer versions

**Options:** Science Package and auxiliary Trailer Package, as well as additional client customizations.



*\*shown with auxiliary trailer*