Dual Solar Air Compressor

- Completely eliminates natural gas emissions sourced by instruments at the well site
- Built and tested for dependability. More than 3,600 hours running without any maintenance
- Modbus communication allows remote reporting of significant events
- Includes a microcontroller that keeps track of the systems operations
- Dual 130 Watt Solar Panels (Expandable)
- Extended run time with four 110 Ah deep cycle batteries (Expandable)

This upgrade represents a vast improvement on the system performance while totally eliminating natural gas emissions
General Specifications:

Operating Voltage : 12 vdc

Power Source : Photovoltaic (Typical).
   Options: - Commercial AC power
            - External 12vdc source

Energy Storage : 12 vdc, sealed lead acid batteries
   (AH capacity to be determined by application)

Battery Autonomy : 15 days without solar radiation standard. Other criteria may apply depending on geographical location

Battery Bank Temperature Range : -40 to 60°C (Discharge)
            -20 to 50°C (Charge)

Electronic Modules : - Battery Charger and Compressor Controller
            - Dual Compressor Drivers
            - Expandable for additional solar modules

Controller - Battery Charger : 20 Amp Maximum Solar Array Current (Expandable)

Controller - Compressor Drivers : Independent control of up to two (2) air compressors

Compressor Driver : Soft start, continuous duty 45A max.

Electronic Mods. Temperature Range : -20 to 70°C

Air Compressor Standard Duty : 100% Duty Cycle at 100psi and 72°F

Operating Pressure Output : Up to 100psi for pneumatic safety valves
   Independent setpoints for each compressor

Air Receivers : Twin 9-gallon Stainless Steel

Water Condensation Removal : Automated Valve

Standard System Warranty : Parts and labor - one year from installation

Auxiliary Power Connector : Reverse Polarity Protected, 100A Max.