

GREEN AIR



Description

Essi Corporation's Green Air Skid is a reliable method of supplying compressed air (Panel Supply) to Oil and Gas producing facilities in remote locations. In addition to being **Emissions-Free**, compressed air is much safer and less corrosive than other methods of supply such as fuel gas, which is primarily composed of highly flammable Methane Gas. Our system uses a power-efficient $\frac{3}{4}$ horsepower air compressor that runs off of a battery bank and is recharged using a combination of wind and solar energy generators. When used in conjunction with our Solar Powered Chemical Pumps our system provides a cost effective and environmentally safe means of producing oil and gas.

Applications

- Oil and Gas Production Sites
- Offshore Production Platforms
- LNG/CNG Facilities
- Refining and Petrochemical
- Rail Road

Features

- Compatible with PLCs, SCADA, DCS, RS 485 and/or alarm relays
- Programmable Safety Timmer to save batteries incase of leak
- 7 Day battery Autonomy
- Packages combined for multiple well application
- Dual Compressors with Lead/Lag configurations

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System Specifications

Air Compressor

¼ Horsepower Motor

Output

4 cfm @ 0 PSI

1.5 cfm @ 100 PSI

Max Pressure

150 psi

Duty Cycle

100% Continuous Duty

Cooling Type

Fan Cooled Motor

Electrical Specifications

Power Input

24 VDC

Power Consumption

22 amps @ 100 psi

Solar Charging

1,185 Watts per skid

Wind Charging

450 Watt

Communication

Modbus-RTU RS485

Area Classification

Non-Classified

Mechanical Specifications

Dimensions

14'-1.5" H x 6'-6" W x 7' D

Weight

1,800 lbs.

