



● WhisperGen™ Stirling Cycle Generator for Hybrid Systems

SOLARCRAFT
POWER PRODUCTS

The WhisperGen™ is a natural gas or diesel powered Stirling cycle generator with the benefits of low emissions, low maintenance (no crankcase oil), quiet and fully automatic operation. The WhisperGen can be used as a primary power source, or it can be configured with solar power into a hybrid power system. A Stirling/solar hybrid power system can cost less than a pure solar system, yet be twice as reliable under any condition.

The WhisperGen Solar Hybrid is designed to power loads up to 1000W continuous, with redundant generators to reduce run time, and deliver reliable operation.

Features

- ▶ 800W, 24V DC
- ▶ Very low maintenance
- ▶ Fully automatic battery charging
- ▶ Fuel efficient, quiet operation
- ▶ No crankcase oil, sealed system
- ▶ Designed for marine operation
- ▶ Stainless steel construction

Applications

- ▶ Offshore platforms
- ▶ Remote power
- ▶ CHP for cold climates
- ▶ Natural gas pipeline and well monitoring
- ▶ Heat tracing
- ▶ Wellhead control
- ▶ Cathodic protection
- ▶ Communications

▼ 800W natural gas fired WhisperGen in a cold climate for an oil and gas application



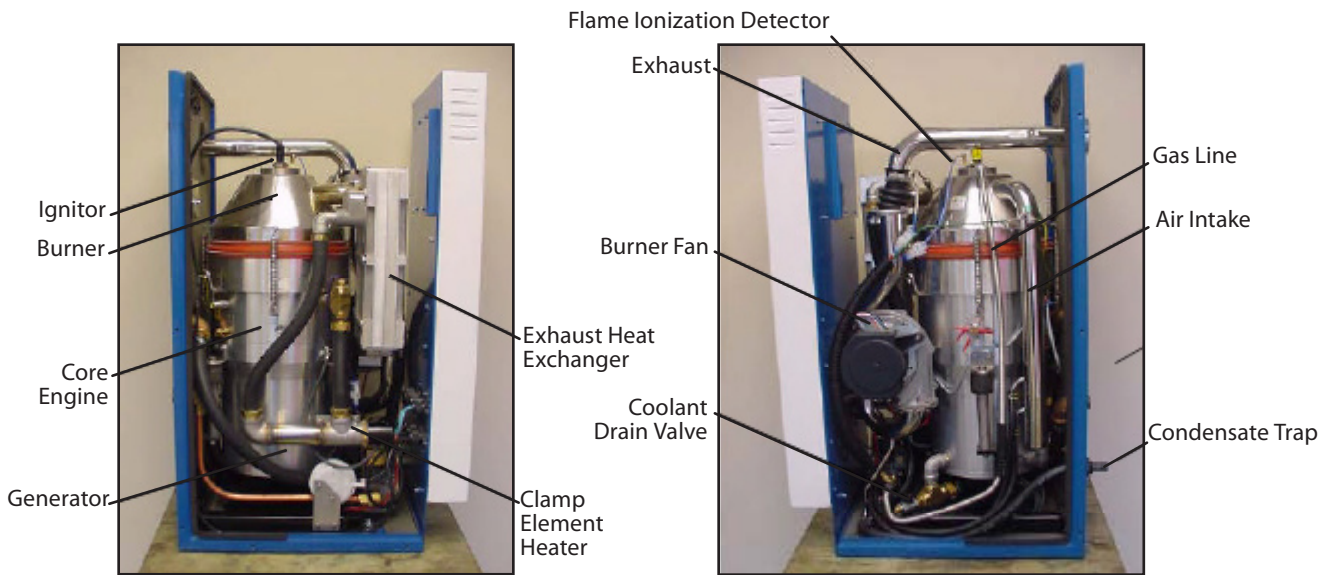
- ▶ Full service program
- ▶ 5-year warranty with service agreement
- ▶ Suitable for harsh industrial or remote applications
- ▶ Heat recovery for use in cold climates
- ▶ 90% efficiency when used in combined heat and power mode (CHP)
- ▶ Runs on natural gas, propane, or diesel



▲ Cutaway view of the combustion chamber and cylinder heads. The smaller domed components are the pistons.



► Cutaway view showing combustion chamber, cooling jacket, connecting rods, wobble yoke, and alternator.



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