

 **THERMO KING**

# SG-4000 Generator Set



Re-defining efficiency  
and sustainability

 **Ingersoll Rand**

# SG-4000

## Generator Set

Reliability and  
Performance without  
Environmental Compromise

The most advanced genset range ever created by Thermo King, the SG-4000 raises the bar in reliability and performance while exceeding the toughest environmental regulations in place today. Innovative architecture and environmentally-sound, advanced solutions enable the SG-4000 genset to perform in even the harshest conditions.



- Exceeds EPA Tier IV / CARB Emission requirements
- Offers full ISO power requirement compatibility (15kW)
- Operates reliably in unforgiving marine environments
- Utilizes user-friendly interface for error-proof operation
- Includes full Thermo King service and parts support

**GeneratorJoe®**

4723 Muirfield Court  
Santa Rosa, CA 95405

Phone: **707 542-2224**

Fax: **707 542-2227**

Email: **sales@generatorjoe.Net**

Web: **www.generatorjoe.NET**

# Compliance Plus



Thermo King's Compliance Plus program helps customers achieve Environmental Protection Agency (EPA) and the USA's California Air Resource Board (CARB) compliance while ensuring low lifecycle costs through reduced fuel consumption and predictable maintenance requirements.

The new SG-4000 genset platform exceeds the most stringent requirements of EPA's Tier IV final regulations, as well as CARB's requirements. This includes a reduction of 90 % in particulate matter and a 37 % reduction in nitrogen oxide from the interim standards that have been in effect since 2008.



# Engineered for reliable performance

The SG-4000 platform features a highly innovative diesel engine and state of the art components like a reliable and efficient generator and the advanced user-friendly SG+ microprocessor controller.

A new architecture delivers optimum efficiencies, reliable power and lowest Total Cost of Ownership (TCO) across future emission-compliant, real-world applications.

The cutting-edge diesel engine utilizes a high-pressure common rail to elevate fuel pressure to approximately 20,000 psi (over 1,360 at). This minimizes particulate matter residues and emissions within the cylinder itself. As a result, the SG-4000 genset engine runs cleaner and also avoids the costs and complexities of a high-maintenance after-treatment system. No diesel particulate filter (DPF) is required.

**Optimum efficiencies**

**Highly innovative diesel engine**

**Reliable power**



# Modularity

## Clip it on, plug it in SG-4000 Clip-on Configuration

Streamlined dimensions and serviceability are key features of the aerodynamic clip-on genset. This fully self-contained unit mounts to the container's corner castings with quick-disconnect fasteners or optional header pin mounting. It's a power plant that can go anywhere the container goes and is ideal for railcar and double stacking. It includes a built-in 125 gallon "true draw" fuel tank.



## Undermount configuration

The undermount model mounts both under the centre of the container chassis between the I-beams to allow for maximum road clearance and even weight distribution, as well as on the side of the container. That's right: one configuration that can be used two different ways, depending on the customer's needs.



# Easy to operate

## User-friendly interface

The advanced SG+ microprocessor controller features a four-line display that allows full-message text for clear and immediate understanding of the unit status, settings and alarm messages without the need for acronyms and code tables. Multi-language capabilities and messaging are standard.



# Full Thermo King service and parts support

Genuine Thermo King replacement parts are proven time after time to beat the competition in side-by-side testing. Engineered to provide optimal performance and maximum life, Thermo King service parts protect your investment and provide confidence on the road.

For further peace of mind, the SG-4000 genset platform is supported by a unique network of over 400 factory-trained, tested and certified Thermo King dealers throughout the world.





# GeneratorJoe



europe.thermoking.com

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Phone: 707 542-2224**

**Fax: 707 542-2227**

**Email: [sales@generatorjoe.Net](mailto:sales@generatorjoe.Net)**

**Web: [www.generatorjoe.NET](http://www.generatorjoe.NET)**



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**Ingersoll Rand** - Lenneke Marelaan 6, B-1932 Sint-Stevens-Woluwe, Belgium.

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