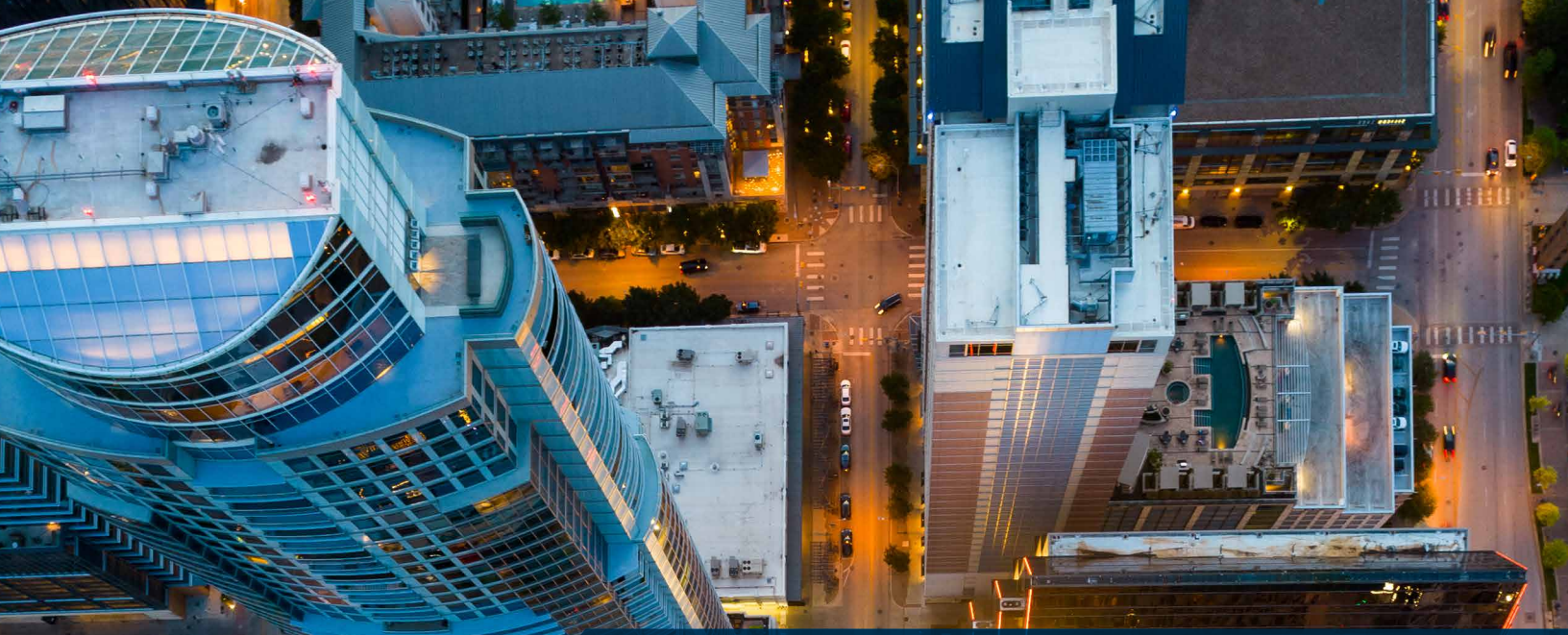


GAS TURBINE GENERATOR SETS

2400, 3200, 4800kW / Dual Fuel Standby / 480–13,800V

Generate the power you need,
when and where you need it.

STEWART & STEVENSON

TURBINE

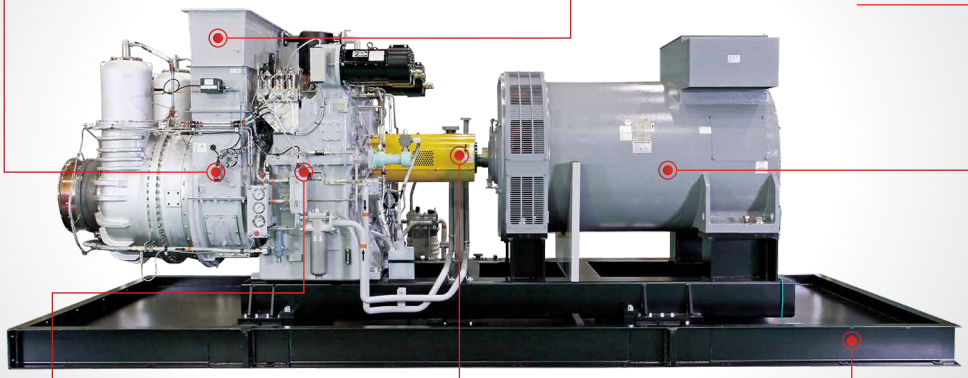
Best-in-class GTS 2400, 3200, 4800 models. High-powered, lightweight, compact designs offer more options for installation locations.

COMBUSTION AIR INTAKE AND EXHAUST

A completely air-cooled design with no requirement for cooling water. Dedicated, isolated air intake isolates combustion air from cooling air, resulting in a temperate enclosure atmosphere.

ALTERNATOR

Modular/customized selected to best suit the power output needs of the customer.



REDUCTION GEARBOX

Reduces RPM from 18,000–22,000 down to 1,800. The reduction gearbox controls the speed of the input from the motor while multiplying the torque, resulting in higher speed and power.

COUPLING

Connects the power section to the alternator.

SKID / BASE FRAME

Customizable rigid base construction offers low vibration and easy installation.

BENEFITS OF DUAL FUEL SYSTEMS

- Extended operation without large fuel storage tank
- More versatile operation than single-fuel systems
- Clean exhaust gas with gas fuel

GAS TURBINES FOR INDUSTRIAL, INSTITUTIONAL, AND COMMERCIAL APPLICATIONS

- Agriculture
- Buildings
- Casinos and Resorts
- Ceramics
- Chemicals
- Commercial Real Estate
- Convention Centers
- Data Centers
- District Heating
- Electric Utilities
- Food Processing
- Government
- Greenhouses and Nurseries
- Healthcare
- Landfills
- Pharmaceuticals
- Plastics
- Printing
- Pulp and Paper
- Renewable Electric Power
- Textiles
- Tires and Rubber
- Universities
- Water Treatment

Service and Support

Broad footprint for distribution and service centers across the United States

Reliability

On-call 24 x 7 x 365

Expertise

Rich history in complex packaging and design capabilities, as well as controls

Key Specifications	GTS-2400	GTS-3200	GTS-4800
Application	Standby	Standby	Standby
Rating (kW)	2,400kW	3,200kW	4,800kW
Rating (kVA)	3,000kVA	4,000kVA	6,000kVA
Voltage (V)	480V–13,800V	480V–13,800V	4,160V–13,800V
Hz	60Hz	60Hz	60Hz
Alternator RPM	1,800	1,800	1,800
Turbine RPM	22,000	22,000	18,000
Dimensions, L	52.7' (16.1m)	52.7' (16.1m)	CF
Dimensions, W	10.1' (3.1m)	10.1' (3.1m)	CF
Dimensions, H	22.3' (6.8m)	22.3' (6.8m)	CF
dBA	85dBA @ 7m	85dBA @ 7m	85dBA @ 7m
Weight	95,000 lbs (43,000kg)	110,000 lbs (50,000kg)	CF
Turbine	Kawasaki	Kawasaki	Kawasaki
Turbine Model	M1T-03	M1T-21	M1T-33
Fuel Type	True Dual Fuel	True Dual Fuel	True Dual Fuel
Start Time	< 40s	< 40s	< 40s
Block Load Capacity	100%	100%	100%

** Consult Factory*

High Startup Reliability

Continuous combustion systems with single can type combustors provide very high startup reliability.

Clean Exhaust Gas

Low exhaust gas emissions, with efficient and complete combustion, deliver eco-friendly power generation.

Ease of Maintenance

Gas turbines have a proven track record of high uptime and simplified maintenance, requiring only quarterly startups (no load required) as standard readiness checks.

Excellent Frequency, Stability, and Instant Overload Tolerance

The rotating design of this turbine package provides power generation with very stable frequency. The high rotating shaft speed (between 18,000 and 53,000 RPM) provides the instant overload tolerance required for standby generator sets.

Ease of Installation

The lightweight, compact design of the GTS makes it ideal for small or confined spaces, such as rooftops or basements.

www.stewartandstevenson.com/gtspower | 214-542-3439

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