

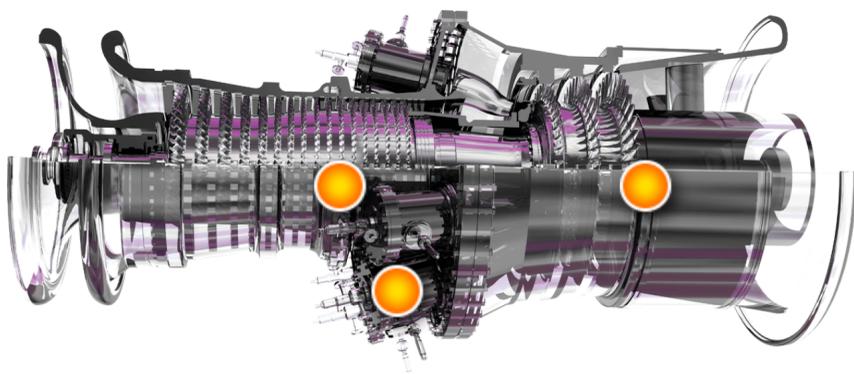


# 6B.03 Gas Turbine (50/60 Hz)

Contact Us

Overview

Product Specification



43 MW output

## Dependable, Cost-Effective Solution for the 50/60 Hz Power Industry

The rugged, reliable 6B.03 heavy-duty gas turbine is a popular choice for refineries, natural-gas liquefaction power, combined heat and power (CHP) applications, and industrial power. It's also an ideal customer solution for remote areas and extreme operating conditions far from the grid.



55 million operating hours

### World-Class Reliability

- 99 percent reliability, for cost-effective power you can count on
- Proven technology, used in a wide range of applications—from simple-cycle operation to cogeneration, and combined-cycle to mechanical drive
- More than 1,200 units installed worldwide since GE first introduced the 6B unit in 1978; more than 270 units sold since 2004
- Enables operation in island mode, when high levels of power availability are essential in remote areas
- Can handle multiple startups required for seasonal combined heat and power
- Black start capability for volatile grid environments

### Available When You Need It

- Built to stay on line in extreme and remote conditions, with 94.6 percent availability
- Proven and tested with more than 55 million operating hours logged
- 20 MW in less than five seconds measured on-site with [Dry Low NOx](#) combustion system to support a grid power deficit

### Leading Fuel Flexibility

- Operational on a wide range of gas or distillate liquids, allowing for use of the most economic available fuel
- Runs on low-cost gas and liquid fuels—including process gases, low calorific gases, and up to 30 percent hydrogen, 50 percent ethane, 100 percent propane, and 50 percent nitrogen—with Dry Low NOx combustion; and heavy oils, naphtha, bioethanol, methanol, synthetic gases, and steel mill gases with standard combustion
- 285 MMBtu/hr exhaust energy at 540°C can generate a high quantity of steam with pressure up to 110 bar for industrial steam without supplementary firing

### Easy Installation and Maintenance

- Preassembled gas turbine package with accessories for easier transport and faster site installation
- Standardized architecture, allowing for faster engineering and delivery cycle of 10 months from contract signature to commercial operation
- 32,000-hour maintenance intervals
- [Flange-to-Flange](#) replacement capability

### Compare Gas Turbines

Find the turbine that's right for you

[Compare](#) →

### Tools & Resources

[GE Gas Turbine Technology to Generate Cleaner, Reliable Power for Indonesia's Batam Island-Press Release](#)

[GE to Supply Equipment and Services for Refinery Upgrade in Turkey-Press Release](#)

[6B.03 HDGT Product Poster](#)

[6B.03 HDGT Fact Sheet](#)

[Controls](#)

### Featured Services

[Installation Services](#)

[Service Agreements](#)

[Gas Turbine Parts](#)

### Let us Help You

There's no single answer for matching generation with needs. Talk with our experts about how we can provide you the best power generation solution to meet your unique operating profile.

[Contact Us](#) →

6B.03 formally known as Frame 6B, 6B 3-Series, 6B-3, 6B.03, 6581(B), 6571(B), 6561(B), 6551(B), 6541(b), 6531(B), 6521(B), PG6581B, PG6571B, PG6561B, PG6551B, PG6541B, PG6541B, PG6531B, PG6521B, 6B PIP and MS6001(B).

