

Container and gases and power plants

CAT SERIES CG170B 2300 KW , 10500 V , 50Hz

NEW LEVEL OF EFFICIENCY



Relevance as of 21/02/2026 15 manufactured generators already in stock



Generators are delivered in CAT containers

Dimensions container length : 16000 x width: 3000 x height: 3200 mm

- The support frame is made from profiles NPU 160.
- Foam insulation is applied under the floor for vibration and thermal insulation .
- Side walls and roof should be made of 2 mm trapezoidal sheet metal DKP.
- Insulation container is made up of from mineral cotton thickness 80 mm with a density of 50 kg/m^3 .
- Insulation covered perforated galvanized sheet 0.5 mm thick

Door

- Installed 6 service doors.
- 1 double- leaf must be provided main incoming door
- Door must be closed from below and equipped upper locking mechanisms .
- Doors stainless steel hinges and handles steel .

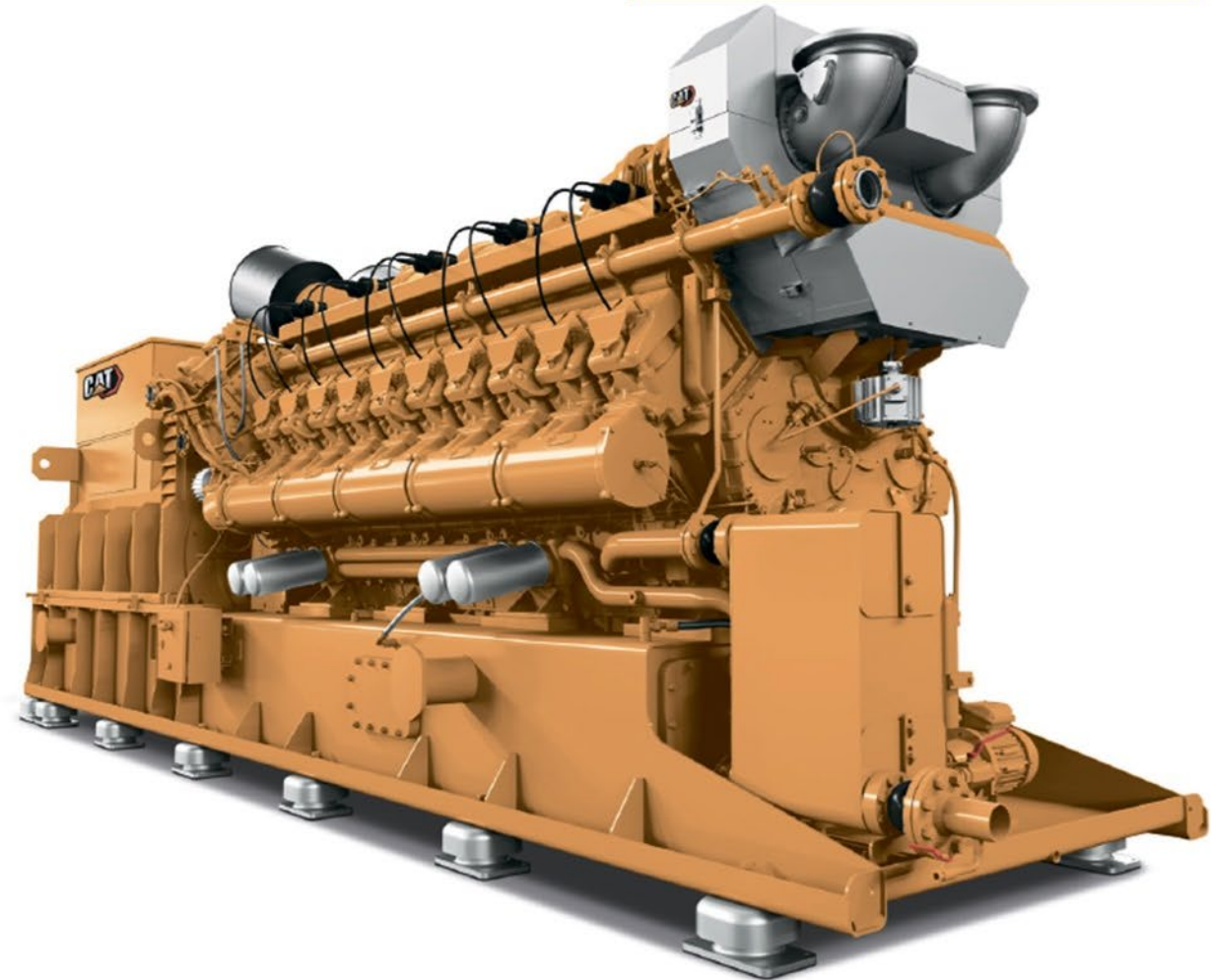
FLEXIBILITY IN APPLICATION. STABLE EFFICIENCY.



EFFICIENCY AT A NEW LEVEL.

With a compact design, state-of-the-art components, and the flexibility to meet the needs of a wide range of applications, the CAT® CG170B gas generator product line is truly versatile.

The new CAT® CG170B series, controlled by an intelligent and safe Total Energy Management (TREM) system, offers optimal efficiency and performance.



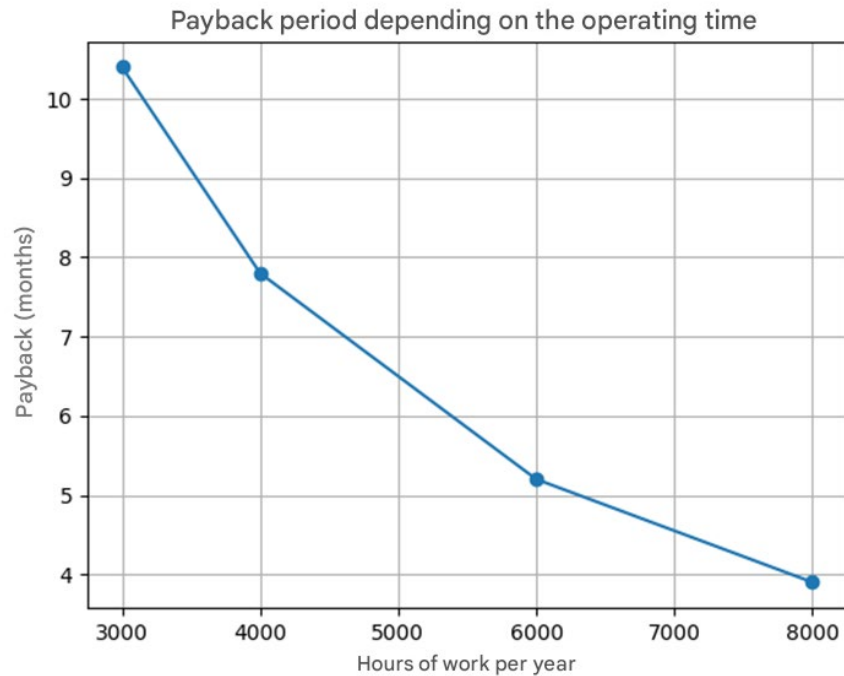


NATURAL GAS APPLICATIONS – POWER DATA 50 HZ

$\text{NO}_x \leq 500 \text{ mg/Nm}^3$ *

ENGINE TYPE	CG170B-12 P ¹	CG170B-12 R ²	CG170B-16 P ¹	CG170B-16 R ²	CG170B-20 P ¹	CG170B-20 R ²	CG170B-20 PV ⁵	CG170B-20 RV ⁶
Electrical Power	1380 kW	1380 kW	1840 kW	1840 kW	2300 kW	2300 kW	2000 kW	2000 kW
Electrical Efficiency**	45.0%	44.0%	44.7%	44.0%	45.0%	44.0%	44.4%	43.7%
Thermal Efficiency**	42.3%	43.6%	42.6%	43.6%	42.3%	43.6%	43.3%	44.2%
Thermal Output*** $\pm 8\%$	1296 kW	1369 kW	1755 kW	1824 kW	2164 kW	2281 kW	1949 kW	2026 kW
Major Overhaul	Up to 80,000 oh	Up to 80,000 oh	Up to 80,000 oh	Up to 80,000 oh	Up to 80,000 oh	Up to 80,000 oh	Up to 80,000 oh	Up to 80,000 oh
Lube Oil Consumption	0.15 g/kWh	0.15 g/kWh	0.15 g/kWh	0.15 g/kWh	0.15 g/kWh	0.15 g/kWh	0.15 g/kWh	0.15 g/kWh
Overall Efficiency	87.3%	87.6%	87.3%	87.6%	87.3%	87.6%	87.7%	87.9%

**generators sold in a set electric generator , but equipment for obtaining thermal energy can be delivered for an additional fee agreement .



In what Exclusive this one suggestions ?

1) first of all, it is not necessary order and wait

2) it is possible buy and save funds .

price on these generators lower than market price .

Manufacturer's warranty: 24 months