

COMMERCIAL INFORMATION OFFER

CAT CG170B-20 Gas Engine Power Plant

2300 kW • 11 kV • 50 Hz • Fully Containerized Industrial Execution

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A new CAT CG170B-20 gas engine power plant is offered in fully containerized execution for continuous power generation and integration into industrial energy infrastructure. Shipment can be arranged directly from the factory in Türkiye. (delivery of one power station is carried out on one low-platform platform + two standard trucks ("Eurotruck"))



Key Technical Parameters

Parameter	Value
Model	CAT CG170B-20
Electrical output	2300 kW (Continuous)
Voltage	11,000 V
Frequency	50 Hz
Fuel	Natural Gas
Operating mode	Grid-parallel operation
Raw NOx emissions	500 mg/Nm ³ @ 5% O ₂
Electrical efficiency	43.7%
Thermal efficiency	44.2%
Total efficiency	87.9%

Configuration and Functional Advantages

- Sound-attenuated containerized execution designed for heavy-duty industrial operation.
- Container dimensions: 16,000 × 3,000 × 3,200 mm with steel chassis, thermal insulation and vibration protection.

- Service doors, double main access door, internal and external lighting, plus emergency lighting.
- Critical silencer, stainless-steel exhaust line, acoustic louvers and sound attenuation cassette.
- Cat TPEM control system with multilingual 15-inch interface and remote monitoring capability.
- Generator and mains protection, synchronization functions, engine and alternator monitoring.
- Suitable for industrial plants, critical infrastructure, data centers and energy centers.
- Can be integrated into cogeneration projects with heat recovery.





CHP thermal potential: total thermal energy 2493 kW

1261 kW of hot water at 65–85 °C and up to 165 kW of warm water at 20–40 °C, making the unit particularly attractive for drying, heating, and process heat projects.

Optionally, the unit can be equipped with an exhaust gas heat exchanger. Exhaust gas thermal energy when cooled to 120 °C: 1067 kW

Commercial Indication

Quantity	4 (four) generator sets
Indicative price	EUR 1,060,000 per unit for an order of 4 units
Delivery basis	Shipment from the factory, Türkiye
Offer status	Informational and promotional material for preliminary buyer interest
Transaction procedure	Detailed commercial terms, delivery schedule, warranty, logistics and contract structure will be discussed after receipt of the Buyer's LOI

Official supply can be arranged to non-sanctioned countries and includes official Caterpillar warranty coverage.

Next step: to move to detailed discussions and volume reservation, the interested buyer is invited to submit an LOI indicating required quantity, project country and expected procurement timeline.