+90 539 101 38 03 · 24/7 Breakdown Line
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CAT GC SERIES · 50 Hz · DIESEL GENERATOR SET

Cat DE500 GC 500 kVA



Image is representative.

500 kVA
Standby power

400 kW
0.8 power factor

Cat C13
Engine

2,924 kg
Dry weight (max.)

High-output standby power for hotels, hospitals, shopping centres, factories and large construction sites; suitable for synchronised systems.

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Generator set

Power (standby)	**500 kVA / 400 kW**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**380 – 415 V**
Phase / power factor	**3-phase / 0.8 pf**
Control panel	**GCCP 1.1**
Alternator	**Standard alternator**
Emissions	**Low fuel consumption (low BSFC)**
Ambient temperature	**Up to 50 °C**

Engine

Engine	**Cat® C13**
Configuration	**In-line 6-cylinder, 4-stroke diesel**
Bore x stroke	**130 x 157 mm**
Displacement	**12.5 L**
Compression ratio	**15.8:1**
Aspiration	**Turbo, air-to-air aftercooled**
Fuel system	**Electronic unit injector (EUI)**
Governor	**Electronic – ADEM™ A4**

Dimensions and weight (max.)

Length	**3,100 mm**
Width	**1,338 mm**
Height	**2,168 mm**
Dry weight	**2,924 kg**

Standard equipment

- GCCP 1.1 generator control panel
- Cat electronic governor (ADEM™ A4)
- A-Frame standard alternator
- Single-wall 8-hour fuel tank
- Skid-mounted radiator with guarded fan
- 3-pole circuit breaker
- 24 V battery, rack and cables
- Dry-type air cleaner
- Fuel filters with water separator
- Vibration isolators
- Caterpillar yellow paint
- Cat® Product Link™ remote monitoring

Optional equipment and JUTEK solutions

- Cat GC sound-attenuated enclosure
- Industrial / critical grade silencer
- 4-pole circuit breaker
- Battery charger
- Alternator anti-condensation heater
- PMG (permanent magnet) excitation
- Emergency stop button
- Double-wall fuel tank
- Fuel tank with spill containment
- CE / EAC / GCC certification
- ATS transfer panel (JUTEK)
- Synchronising panel (JUTEK)

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