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CAT GC SERIES · 50 Hz · DIESEL GENERATOR SET

Cat DE1250 GC 1,250 kVA



Image is representative.

1,250 kVA
Standby power

1,000 kW
0.8 power factor

Cat C32B
Engine

7,079 kg
Dry weight (max.)

High power for large hotels, hospitals and critical facilities; the core unit of multi-generator synchronised systems.

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Generator set

Power (standby)	**1,250 kVA / 1,000 kW**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**400 – 415 V**
Phase / power factor	**3-phase / 0.8 pf**
Control panel	**GCCP 1.3**
Alternator	**Cat SR500**
Emissions	**Low fuel consumption (low BSFC)**
Ambient temperature	**Up to 50 °C**

Engine

Engine	**Cat® C32B**
Configuration	**V-12, 4-stroke, water-cooled diesel**
Bore x stroke	**145 x 162 mm**
Displacement	**32.1 L**
Compression ratio	**15.0:1**
Aspiration	**Turbo, air-to-air aftercooled**
Fuel system	**Electronic unit injector (EUI)**
Governor	**Electronic – ADEM™ A4**

Dimensions and weight (max.)

Length	**4,175 mm**
Width	**1,856 mm**
Height	**2,218 mm**
Dry weight	**7,079 kg**

Standard equipment

- GCCP 1.3 generator control panel
- Cat electronic governor (ADEM™ A4)
- Cat SR500 alternator (class H insulation)
- Skid-mounted radiator with guarded fan
- Steel base frame (skid)
- 24 V battery, rack and cables
- Dry-type air cleaner
- Cat® Product Link™ remote monitoring
- Caterpillar yellow paint

Optional equipment and JUTEK solutions

- GCCP 1.4 control panel
- Remote monitoring software
- Engine jacket water heater
- Dual-element air cleaner
- 4-pole circuit breaker
- Double-wall fuel tank
- Cat GC sound-attenuated enclosure
- CE / EAC / GCC certification
- ATS transfer panel (JUTEK)
- Synchronising panel (JUTEK)

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