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CAT POWER RANGE · 50 Hz · DIESEL GENERATOR SET

Cat C7.1 Series 135 – 220 kVA



Image is representative.

135 – 220 kVA
Power range (standby)

108 – 176 kW
0.8 power factor

Cat C7.1
Engine

50 Hz / 1500 rpm
Frequency / speed

Standby power for restaurants, small hotels, construction sites, apartment blocks and mid-size commercial buildings.

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Generator set

Power (standby)	**135 – 220 kVA / 108 – 176 kW**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**110 – 480 V**
Phase / power factor	**3-phase / 0.8 pf**
Control panel	**EMCP 4.1**
Alternator	**IP23 alternator**
Emissions	**Non-regulated areas / EU Stage IIIA**

Engine

Engine	**Cat® C7.1**
Configuration	**In-line 6-cylinder, 4-stroke diesel**
Bore x stroke	**105 x 135 mm**
Displacement	**7 L**
Compression ratio	**16.0:1 / 18.2:1**
Aspiration	**Turbo, air-to-air aftercooled**
Fuel system	**Direct injection**
Governor	**Mechanical**

Dimensions and weight (max.)

Length	**2,500 mm**
Width	**1,320 mm**
Height	**1,626 mm**

Standard equipment

- GCCP control panel
- Single-wall 8-hour fuel tank
- Radiator with guarded cooling fan
- Caterpillar extended life coolant
- Stainless steel flexible exhaust fitting
- IEC 3-pole circuit breaker
- Power centre (IP22)
- Integrated voltage regulator (IVR)
- Cat electronic / mechanical governor
- Fuel filters with water separator
- Vibration isolators
- Caterpillar yellow paint

Optional equipment and JUTEK solutions

- Earth fault / leakage protection
- Sound-attenuated enclosure
- Double-wall fuel tank
- Battery charger
- Alternator anti-condensation heater
- CE / EAC / GCC certification
- ATS transfer panel (JUTEK)
- Synchronising panel (JUTEK)

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