JUTEK ENERGY & POWER SYSTEMS
CAT DIESEL GENERATOR DATA SHEET
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CAT POWER RANGE · 50 Hz · DIESEL GENERATOR SET

Cat C175-20 Series 3,150 – 4,000 kVA



Image is representative.

3,150 – 4,000 kVA
Power range (standby)

2,520 – 3,200 kW
0.8 power factor

Cat C175-20
Engine

30,000 kg
Dry weight (max.)

Megawatt-class power for data centres, power plants, ports and large industrial sites, available for medium-voltage applications.

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Generator set

Power (standby)	**3,150 – 4,000 kVA / 2,520 – 3,200 kW**
Prime power	**3,600 / 3,500 kVA**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**400 – 11,000 V**
Phase / power factor	**3-phase / 0.8 pf**
Control panel	**Cat ECS 100**
Alternator	**IP23 alternator**
Emissions	**Low fuel consumption, low emissio…**

Engine

Engine	**Cat® C175-20**
Configuration	**V-20, 4-stroke, water-cooled diesel**
Bore x stroke	**175 x 220 mm**
Displacement	**105.8 L**
Compression ratio	**15.3:1**
Aspiration	**Turbocharged, separate circuit afterc…**
Fuel system	**Common rail**
Governor	**Electronic – ADEM™ A4**

Dimensions and weight (max.)

Length	**8,402 mm**
Width	**3,247 mm**
Height	**3,827 mm**
Dry weight	**25,000 – 30,000 kg**

Standard equipment

- Cat EMCP 4 / ECS control panel
- Modbus RTU customer data link
- Package-mounted radiator
- Air cleaner with service indicator
- Flanged exhaust outlet
- Fuel filters with water separator
- Busbar power connection
- IP23 alternator
- Emergency stop button
- 24 V DC system
- Caterpillar yellow paint

Optional equipment and JUTEK solutions

- EMCP 4.4 / load sharing module
- PMG (permanent magnet) excitation
- Alternator anti-condensation heater
- Engine jacket water heater
- Spring-type vibration isolators
- Heavy-duty starting system
- Battery charger
- Exhaust silencer
- Remote monitoring software
- Synchronising panel (JUTEK)

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