+90 539 101 38 03 · 24/7 Breakdown Line
info@jutekglobal.com
www.jutekglobal.com

CAT POWER RANGE · 50 Hz · DIESEL GENERATOR SET

Cat C175-16 Series 2,500 – 3,100 kVA



Image is representative.

2,500 – 3,100 kVA
Power range (standby)

2,000 – 2,480 kW
0.8 power factor

Cat C175-16
Engine

23,020 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)	**2,500 – 3,100 kVA / 2,000 – 2,480 kW**
Prime power	**2,825 / 2,725 kVA**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**380 – 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® C175-16**
Configuration	**V-16, 4-stroke, water-cooled diesel**
Bore x stroke	**175 x 220 mm**
Displacement	**84.7 L**
Compression ratio	**16.7:1**
Aspiration	**Turbocharged, separate circuit afterc…**
Fuel system	**Common rail**
Governor	**Electronic – ADEM™ A4**

Dimensions and weight (max.)

Length	**8,134 mm**
Width	**2,770 mm**
Height	**3,306 mm**
Dry weight	**19,391 – 23,020 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)

Technical data is based on Caterpillar publications, is for information only, may vary with configuration and is confirmed at quotation. kW values at 0.8 power factor. Images are representative. Cat® and Caterpillar® are registered trademarks of Caterpillar Inc.