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CAT POWER RANGE · 50 Hz · DIESEL GENERATOR SET

Cat 3516 Series 1,600 – 2,000 kVA



Image is representative.

1,600 – 2,000 kVA
Power range (standby)

1,280 – 1,600 kW
0.8 power factor

Cat 3516
Engine

16,670 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)	**1,600 – 2,000 kVA / 1,280 – 1,600 kW**
Prime power	**1,825 kVA**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**380 – 11,000 V**
Phase / power factor	**3-phase / 0.8 pf**
Control panel	**EMCP 4**
Alternator	**IP23 alternator**
Emissions	**Low fuel consumption**

Engine

Engine	**Cat® 3516**
Configuration	**V-16, 4-stroke, water-cooled diesel**
Bore x stroke	**170 x 190 mm**
Displacement	**69 L**
Compression ratio	**13.0:1**
Aspiration	**Turbo, air-to-air aftercooled**
Fuel system	**Mechanical unit injector**
Governor	**Woodward electronic**

Dimensions and weight (max.)

Length	**6,329 mm**
Width	**2,286 mm**
Height	**2,410 mm**
Dry weight	**16,670 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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