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

CAT POWER RANGE · 50 Hz · DIESEL GENERATOR SET

Cat 3512 Series 1,000 – 1,400 kVA



Image is representative.

1,000 – 1,400 kVA
Power range (standby)

800 – 1,120 kW
0.8 power factor

Cat 3512
Engine

10,740 kg
Dry weight (max.)

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

Quotes: +90 539 101 38 03 · info@jutekglobal.com

Generator set

Power (standby)	**1,000 – 1,400 kVA / 800 – 1,120 kW**
Prime power	**1,275 / 1,150 kVA**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**380 – 415 V**
Phase / power factor	**3-phase / 0.8 pf**
Control panel	**EMCP 4.2B**
Alternator	**IP23 alternator**
Emissions	**Low fuel consumption**

Engine

Engine	**Cat® 3512**
Configuration	**V-12, 4-stroke, water-cooled diesel**
Bore x stroke	**170 x 190 mm**
Displacement	**51.8 L**
Compression ratio	**13.5:1**
Aspiration	**Turbo, air-to-air aftercooled**
Fuel system	**Direct unit injection**
Governor	**Woodward electronic**

Dimensions and weight (max.)

Length	**5,662 mm**
Width	**1,984 mm**
Height	**2,367 mm**
Dry weight	**10,270 – 10,740 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.