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CAT POWER RANGE · 50 Hz · DIESEL GENERATOR SET

Cat C18 Series 550 – 715 kVA



Image is representative.

550 – 715 kVA
Power range (standby)

440 – 572 kW
0.8 power factor

Cat C18
Engine

50 Hz / 1500 rpm
Frequency / speed

High-output standby power for hotels, hospitals, shopping centres, factories and large construction sites; suitable for synchronised systems.

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Generator set

Power (standby)	**550 – 715 kVA / 440 – 572 kW**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**380 – 415 V**
Phase / power factor	**3-phase / 0.8 pf**
Control panel	**GCCP 1.2**
Alternator	**A-Frame alternator (IP21)**
Emissions	**Low fuel consumption / China Nonro…**

Engine

Engine	**Cat® C18**
Configuration	**In-line 6-cylinder, 4-stroke, water-coo…**
Bore x stroke	**145 x 183 mm**
Displacement	**18.1 L**
Compression ratio	**14.5:1**
Aspiration	**Turbo, air-to-air aftercooled**
Fuel system	**Electronic unit injector (EUI)**
Governor	**Electronic – ADEM™ A4**

Dimensions and weight (max.)

Length	**4,135 mm**
Width	**1,989 mm**
Height	**1,906 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

- Cat GC sound-attenuated enclosure
- Industrial / critical grade silencer
- 4-pole circuit breaker
- Battery charger
- Alternator anti-condensation heater
- PMG (permanent magnet) excitation
- Emergency stop button
- Double-wall fuel tank
- Fuel tank with spill containment
- CE / EAC / GCC certification
- ATS transfer panel (JUTEK)
- 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.