+90 539 101 38 03 · 24/7 Breakdown Line
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CAT E SERIES · 50 Hz · DIESEL GENERATOR SET

Cat DE50E0 50 kVA



Image is representative.

50 kVA
Standby power

40 kW
0.8 power factor

Cat C3.3
Engine

858 kg
Dry weight (max.)

Compact standby power for villas, offices, small businesses, shops and telecom sites.

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Generator set

Power (standby)	**50 kVA / 40 kW**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**220 – 415 V**
Phase / power factor	**3-phase / 0.8 pf**
Control panel	**GCCP**
Alternator	**12-lead, IP23 alternator**
Emissions	**For non-emissions-regulated areas**

Engine

Engine	**Cat® C3.3**
Configuration	**In-line 3-cylinder, 4-stroke diesel**
Bore x stroke	**105 x 127 mm**
Displacement	**3.3 L**
Compression ratio	**17.25:1**
Aspiration	**Turbocharged**
Fuel system	**In-line pump**
Governor	**Mechanical**

Dimensions and weight (max.)

Length	**1,925 mm**
Width	**1,120 mm**
Height	**1,361 mm**
Dry weight	**858 kg**

Standard equipment

- GCCP control panel
- 12-lead alternator, IP23 protection
- Voltage regulator
- IEC 3-pole circuit breaker
- Radiator with guarded cooling fan
- Caterpillar extended life coolant
- Air cleaner
- Industrial silencer
- Open-set base fuel tank / skid
- Vibration isolators
- 12 V battery, rack and cables
- Caterpillar yellow paint

Optional equipment and JUTEK solutions

- Earth fault / leakage protection
- Sound-attenuated enclosure
- Double-wall fuel tank
- Battery charger
- Alternator anti-condensation heater
- 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.