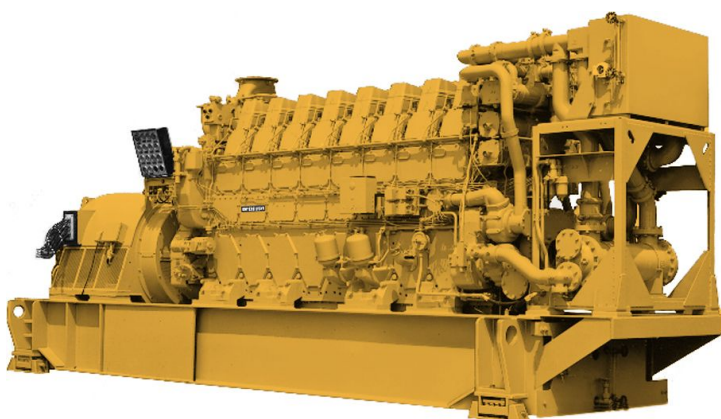




Caterpillar is leading the power generation marketplace with Power Solutions engineered to deliver unmatched flexibility, expandability, reliability, and cost-effectiveness.

Specifications

Generator Set Specifications

Minimum Rating	1830 ekW
Maximum Rating	2660 ekW
Emissions/Fuel Strategy	Low Fuel Consumption
Frequency	60 Hz
Speed	720 & 900 rpm
Duty Cycle	Standby, Prime, Continuous

Engine Specifications

Engine Model	3608 I-8,4-Stroke Water-Cooled Diesel	
Bore	280 mm	11 in
Stroke	300 mm	11.8 in
Displacement	148 l	9064 in ³
Compression Ratio	13:01	
Aspiration	TA	
Fuel System	Direct unit injection	
Governor Type	Generator Set Monitoring System (GMS)	

Generator Set Dimensions

Length - Maximum	10261.7 mm	404 in
Width - Maximum	2530.3 mm	99.62 in
Height - Maximum	3977.7 mm	156.6 in
Dry Weight - Genset (maximum)	41390 kg	91050 lb

Benefits and Features

Cat Diesel Engine

Generator

World Wide Product Support

Full Range of Attachments

Standard Equipment

Air Inlet System

- Aftercooler, fresh water, corrosion resistant coated (air side)
- Air inlet shutoff
- Turbocharger, watercooled (720 rpm and HFO), engine oil lubricated
- Breather, crankcase, top-mounted

Cooling System

- Engine coolant water drains
- Water temperature regulator
- Jacket water thermostats

Exhaust System

- Includes adapter, Flexible exhaust fitting
- 457 mm (18 in) Cat bolt pattern
- Dry, gas tight, exhaust manifold

Fuel System

- Simplex or Duplex

Generator System

- Custom generator per generator data sheet completed by dealer

Governor System

- UG Actuator

Lube System

- Oil filler and dipstick
- Service side engine mounted on cylinder block inspection covers
- Wet oil sump. Includes engine-driven main lubrication & oil pumps, Oil Lines and Oil Pan
- Centrifugal oil filters with single shutoff
- Oil pressure regulating valve
- Crankcase explosion relief valves

Mounting System

- Engine and generator mounting
- Damper, torsional vibration

Starting / Charging System

- Air silencer
- One motor, engine mounted at rear, on left side
- Vane type air starter

- Line group for single point custom connection

General:

- Gear driven pumps: Fuel, Oil, Jacket water, Aftercooler / Oil cooler water
- Paint, Caterpillar yellow

Optional Equipment

Air Inlet System

- Heavy duty air cleaner
- Air inlet adapter
- Boost control valve
- Air cleaner louver assembly
- Vertical support bracket
- Soot filter

Cooling System

- Auxiliary water pump
- Heating aids
- Cooling system aids
- Expansion tank

Exhaust System

- Weld flange and related hardware
- Flexible exhaust fittings

Fuel System

- Fuel priming pump
- Duplex primary fuel strainer
- Fuel system connections

Generator System

- Class F insulation
- Anti-condensation space heaters
- 3 Phase, six Leads, WYE
- Winding temperature detectors
- Busbar connections

Governor System

- Battery backup / Power supply
- 2301 A load share
- Electronic / actuators
- Digital programmers
- EGB actuator
- 723 Plus

Lube System

- Lube ANSI adapter (Emergency connection)
- Oil pan drain valve

Mounting System

- Spring type vibration isolator
- Non-vertically restrained
- Vertically restrained
- Isolator

Starting / Charging System

- Pressure reducing valve
- Compressed air flex hose

General:

- Custom paint colors

The International System of Units (SI) is used in this publication. CAT, CATERPILLAR, their respective logos, ADEM, EUI, S-O-S, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.