

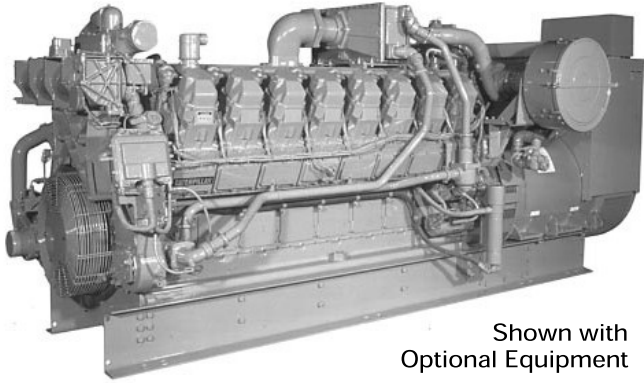


Gas Generator Set

G3516

1800 rpm
1040 ekW 60 Hz

Standby Power



Shown with Optional Equipment

CATERPILLAR® ENGINE SPECIFICATIONS

V-16, 4-Stroke-Cycle Spark-Ignited

Bore — in (mm)	6.7 (170)
Stroke — in (mm)	7.5 (190)
Displacement — cu in (L)	4210 (67.4)
Aspiration	Turbocharged-Aftercooled
Compression ratio	11:1



FEATURES

■ **CATERPILLAR® FACTORY PACKAGE**

Factory designed, assembled, and tested. Supported by Caterpillar parts and labor warranty through your local Caterpillar dealer.

■ **DIESEL STRENGTH BUILT IN**

Blocks, crankshafts, liners, and connecting rods are common with higher loaded Cat® diesel engines. Robust design provides prolonged life at lower gas engine loads.

■ **ELECTRONIC IGNITION SYSTEM WITH DETONATION SENSITIVE TIMING**

The Caterpillar Electronic Ignition System (EIS) provides optimized spark timing for all operating conditions. Timing is automatically controlled to maintain continuous detonation protection.

■ **LOW EXHAUST EMISSIONS**

2.0 gram/bhp-hr NO_x. Lower emissions are achievable for selected applications; consult your Caterpillar dealer.

CATERPILLAR® SR4B GENERATOR

Type	Static regulator, brushless excited
Construction	Single bearing, close coupled
Three phase	Wye connected
Insulation	Class H
Enclosure	Drip proof IP/22, guarded
Alignment	Caterpillar pilot shaft
Overspeed capability	150%
Waveform	Less than 5% deviation
Voltage regulator	3-phase sensing with Volts-per-Hertz response
Voltage regulation	Less than ± 1%
Voltage gain	Adjustable to compensate for engine speed droop and line loss
TIF	Less than 50
THF	Less than 5%

CATERPILLAR CONTROL PANEL

24 Volt DC Control

- Terminal box mounted
- Vibration isolated
- NEMA 1/IP 22 enclosure
- Electrically dead front
- Lockable door
- Generator instruments meet ANSI C-39-1

Voltages Available

60 Hz
240, 480

(Adjustable a minimum of ±10%)
Other voltages available – consult your Caterpillar dealer.
Some voltages require derating.