

# PRODUCT SPECIFICATIONS FOR G3516A

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## GENERATOR SET SPECIFICATIONS

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<b>Maximum Continuous Rating</b>	1085 ekW
<b>Fuel Type</b>	Natural Gas, Biogas, Coal Gas
<b>Maximum Electrical Efficiency</b>	36.50%
<b>Maximum Standby Rating</b>	1000 kw
<b>Frequency</b>	50 / 60 Hz
<b>RPM</b>	1200 / 1500 rpm

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## ENGINE SPECIFICATIONS

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<b>Engine Model</b>	G3516A
<b>Displacement</b>	4210 in <sup>3</sup>
<b>Aspiration</b>	TA
<b>Bore</b>	6.7 in
<b>Stroke</b>	7.5 in

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## GENERATOR SET DIMENSIONS

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<b>Length</b>	193 in
<b>Width</b>	68 in
<b>Height</b>	76 in
<b>Dry Weight - Genset</b>	27670 lb

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## G3516A STANDARD EQUIPMENT

EXHAUST

Dry exhaust manifolds, insulated and shielded

#### GENERATOR

Anti-condensation space heater

Permanent magnet excitation

SR4B

Caterpillar's Digital Voltage Regulator (CDVR) with 3-phase sensing and KVAR/PF control

#### STARTING/CHARGING

24V starting motors

#### GENERAL

Crankshaft vibration damper and guard

Paint - Caterpillar Yellow except rails are gloss black

Operation and maintenance manuals

Parts book

## G3516A OPTIONAL EQUIPMENT

#### AIR INLET

Air inlet adapters

#### COOLING

Inlet/Outlet connections

#### EXHAUST

Flexible fitting

Elbow

Flange

Muffler and spark-arresting muffler with companion flanges

Exhaust expander

#### GENERATOR

Low voltage extension box

Generator air filter

European bus bar

Cable access box

#### START/CHARGING

Jacket water heater

Charging alternator

Battery with cable and rack (shipped loose)

Battery charger

Oversized battery

#### GENERAL

Engine barring group

EEC D.O.I and other certifications

Crankcase explosion relief valve