



# PRODUCT SPECIFICATIONS FOR 3516B (50 HZ)



TST CO.

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## GENERATOR SET SPECIFICATIONS

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Minimum Rating	2000 kVA
Maximum Rating	2500 kVA
Emissions/Fuel Strategy	Low Fuel, Low Emissions
Voltage	380 to 11000 Volts
Frequency	50 Hz
Speed	1500 rpm
Duty Cycle	Standby, Mission Critical, Prime, Continuous

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## ENGINE SPECIFICATIONS

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Engine Model	3516B TA, V-16, 4-Stroke Water-Cooled Diesel
Bore	6.69 in
Stroke	8.46 in
Displacement	4764.73 in
Compression Ratio	15.5:1
Aspiration	TA
Fuel System	Electronic unit injection
Governor Type	Adem™3

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## GENERATOR SET DIMENSIONS

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Length - Minimum	233.4 in
Length - Maximum	251.7 in
Width - Maximum	90 in

Height - Maximum	93.2 in
Dry Weight - Genset (minimum)	31900 lb
Dry Weight - Genset (maximum)	40320 lb

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## 3516B (50 HZ) STANDARD EQUIPMENT

### AIR INLET

Air cleaner

### COOLING

Package mounted radiator

### EXHAUST

Exhaust flange outlet

### FUEL

Secondary fuel filter

Fuel priming pump

Primary fuel filter with integral water separator

### GENERATOR

Matched to the performance and output characteristics of Cat engines

IP23 Protection

### POWER TERMINATION

Busbar

### CONTROL PANEL

EMCP 4.2B

### GENERAL

Paint - Caterpillar Yellow except rails and radiators gloss black

## 3516B (50 HZ) OPTIONAL EQUIPMENT

### EXHAUST

Exhaust mufflers (except Tier 4)

### GENERATOR

Permanent magnet excitation (PMG)

Internal excitation (IE)

Anti-condensation heater

Oversize and premium generators

#### POWER TERMINATION

Circuit breakers, UL listed

Circuit breakers, IEC compliant

#### CONTROL PANELS

Generator temperature monitoring & protection

Digital I/O module

Load share module

EMCP 4.3, EMCP 4.4

Remote monitoring software

#### MOUNTING

Spring-type vibration isolator

IBC isolators

Rubber anti-vibration mounts

#### STARTING/CHARGING

Oversize batteries

Charging alternator

Heavy-duty starting system

Jacket water heater

Air starting motor with control and silencer

Battery chargers

#### GENERAL

Seismic Certification per applicable building codes: IBC 2000, IBC 2003, IBC 2006, IBC 2009, CBC 2007

EU Certificate of Conformance (CE)

The following options are based on regional and product configuration:

Enclosures: sound attenuated, weather protective

Automatic transfer switches (ATS)

UL 2200 package

Integral & sub-base UL listed dual wall fuel tanks

Integral & sub-base fuel tanks

EEC Declaration of Conformity

CSA Certification