

# OLYMPIAN™



## GEP65-9

Diesel Generator Set  
Exclusively from your Cat® dealer

Image shown may not reflect actual package

Output Ratings		
Generating Set Model - 3 Phase	Prime*	Standby*
380-415V, 50Hz	60.0 kVA	65.0 kVA
	48.0 kW	52.0 kW
480V, 60 Hz	68.8 kVA	75.0 kVA
	55.0 kW	60.0 kW

\* Refer to ratings definitions on page 4.  
Ratings at 0.8 power factor.

Technical Data		
Engine Make & Model:	Perkins™ 1103A-33TG2	
Alternator Model:	LL1514P	
Control Panel:	1002T	
Base Frame Type:	Heavy Duty Fabricated Steel	
Circuit Breaker Type:	3 Pole MCB / 3 Pole MCCB	
Frequency:	50 Hz	60 Hz
Engine Speed: RPM	1500	1800
Fuel Tank Capacity: litres (US gal)	219 (57.9)	
Fuel Consumption, Prime: l/hr (US gal/hr)	13.6 (3.6)	15.4 (4.1)
Fuel Consumption, Standby : l/hr (US gal/hr)	14.9 (3.9)	17.0 (4.5)

## Engine Technical Data

Physical Data	
<b>Manufacturer:</b>	Perkins
<b>Model:</b>	1103A-33TG2
<b>No. of Cylinders/Alignment:</b>	3 / In Line
<b>Cycle:</b>	4 Stroke
<b>Induction:</b>	Turbocharged
<b>Cooling Method:</b>	Water
<b>Governing Type:</b>	Mechanical
<b>Governing Class:</b>	ISO 8528 G2
<b>Compression Ratio:</b>	17.25:1
<b>Displacement:</b> l (cu.in)	3.3 (201.4)
<b>Bore/Stroke:</b> mm (in)	105.0 (4.1)/127.0 (5.0)
<b>Moment of Inertia:</b> kg m <sup>2</sup> (lb. in <sup>2</sup> )	1.14 (3896)
<b>Engine Electrical System:</b>	
-Voltage/Ground:	12/Negative
-Battery Charger Amps:	65
<b>Weight:</b> kg (lb) - Dry:	420 (926)
- Wet:	438 (966)

Air System	50 Hz	60 Hz
<b>Air Filter Type:</b>	Replaceable Element	
<b>Combustion Air Flow:</b>		
m <sup>3</sup> /min (cfm)	-Standby: 3.9 (138)	4.9 (173)
	-Prime: 3.8 (134)	4.7 (166)
<b>Max. Combustion Air Intake</b>		
<b>Restriction:</b> kPa (in H <sub>2</sub> O)	8.0 (32.1)	8.0 (32.1)
<b>Radiator Cooling Air Flow:</b>		
m <sup>3</sup> /min (cfm)	110.4 (3899)	145.8 (5149)
<b>External Restriction to</b>		
<b>Cooling Air Flow:</b> Pa (in H <sub>2</sub> O)	120 (0.5)	120 (0.5)

Cooling System	50 Hz	60 Hz
<b>Cooling System Capacity:</b>		
l (US gal)	10.2 (2.7)	10.2 (2.7)
<b>Water Pump Type:</b>	Centrifugal	
<b>Heat Rejected to Water &amp; Lube Oil:</b> kW (Btu/min)		
	-Standby: 37.7 (2144)	42.8 (2434)
	-Prime: 35.2 (2002)	41.0 (2332)
<b>Heat Radiation to Room:</b> Heat radiated from engine and alternator		
kW (Btu/min)	-Standby: 16.7 (950)	17.0 (967)
	-Prime: 15.0 (853)	16.1 (916)
<b>Radiator Fan Load:</b> kW (hp)	1.0 (1.3)	1.7 (2.3)
Cooling system designed to operate in ambient conditions up to 50°C (122°F). Contact your local Olympian™ dealer for power ratings at specific site conditions.		

Lubrication system	
<b>Oil Filter Type:</b>	Spin-On, Full Flow
<b>Total Oil Capacity I (US gal):</b>	8.3 (2.2)
<b>Oil Pan I (US gal):</b>	7.8 (2.1)
<b>Oil Type:</b>	API CG4 / CH4 15W-40
<b>Cooling Method:</b>	Water

Performance	50 Hz	60 Hz
<b>Engine Speed:</b> RPM	1500	1800
<b>Gross Engine Power:</b> kW (hp)		
-Standby:	60.5 (81.0)	69.6 (93.0)
-Prime:	55.0 (74.0)	63.3 (85.0)
<b>BMEP:</b> kPa (psi)		
-Standby:	1467.0 (212.8)	1407.0 (204.0)
-Prime:	1333.0 (193.4)	1279.0 (185.5)
<b>Regenerative Power:</b> kW	7.0	9.0

Fuel System				
<b>Fuel Filter Type:</b>	Replaceable Element			
<b>Recommended Fuel:</b>	Class A2 Diesel or BSEN590			
<b>Fuel Consumption:</b> l/hr (US gal/hr)				
	<b>110% Load</b>	<b>100% Load</b>	<b>75% Load</b>	<b>50% Load</b>
<b>Prime</b>				
50 Hz	14.9 (3.9)	13.6 (3.6)	10.2 (2.7)	7.1 (1.9)
60 Hz	17.0 (4.5)	15.4 (4.1)	11.7 (3.1)	8.4 (2.2)
<b>Standby</b>				
50 Hz	14.9 (3.9)	11.0 (2.9)	7.6 (2.0)	
60 Hz	17.0 (4.5)	12.8 (3.4)	9.0 (2.4)	
(based on diesel fuel with a specific gravity of 0.85 and conforming to BS2869, Class A2)				

Exhaust System	50 Hz	60 Hz
<b>Silencer Type:</b>	Industrial	
<b>Silencer Model &amp; Quantity:</b>	SD80 (1)	
<b>Pressure Drop Across</b>		
<b>Silencer System:</b> kPa (in Hg)	0.98 (0.289)	1.22 (0.360)
<b>Silencer Noise Reduction</b>		
<b>Level:</b> dB	19	18
<b>Max. Allowable Back</b>		
<b>Pressure:</b> kPa (in. Hg)	10.0 (3.0)	15.0 (4.4)
<b>Exhaust Gas Flow:</b>		
m <sup>3</sup> /min (cfm)	-Standby: 10.4 (367)	12.5 (441)
	-Prime: 10.1 (357)	11.8 (417)
<b>Exhaust Gas Temperature:</b> °C (°F)		
-Standby:	571 (1060)	564 (1047)
-Prime:	557 (1035)	534 (993)

## Alternator Performance Data

Data Item	50 Hz				60 Hz				
	415/240V	400/230V 230/115V 200/115V	380/220V 220/110V	220/127V	480/277V 240/139V	380/220V 220/110V	240/120V 208/120V	230/115V	440/254V 220/127V
Motor Starting Capability* kVA	145	138	128	158	157	111	128	121	139
Short Circuit Capacity** %	300	300	300	300	300	300	300	300	300
Reactances: Per Unit									
Xd	2.648	2.850	3.158	2.041	2.723	3.726	3.425	3.534	3.241
X'd	0.136	0.146	0.162	0.105	0.140	0.191	0.176	0.181	0.166
X''d	0.068	0.073	0.081	0.052	0.070	0.096	0.088	0.091	0.083

Reactances shown are applicable to prime ratings.

\*Based on 30% voltage dip at 0.6 power factor and SHUNT excitation system.

\*\* With optional Permanent Magnet generator.

## Alternator Technical Data

Physical Data	
Manufactured for Olympian by:	OLYMPIAN
Model:	LL1514P
No. of Bearings:	1
Insulation Class:	H
Winding Pitch - Code:	2/3 - 6
Wires:	12
Ingress Protection Rating:	IP23
Excitation System:	SHUNT
AVR Model:	R220

Operating Data	
Overspeed: RPM	2250
Voltage Regulation: (steady state)	+/- 1.0%
Wave Form NEMA = TIF:	50
Wave Form IEC = THF:	2.0%
Total Harmonic Content LL/LN:	2.0%
Radio Interference:	Suppression is in line with European Standard EN61000-6
Radiant Heat: kW (Btu/min)	
-50 Hz:	5.7 (324)
-60 Hz:	6.0 (341)

## Technical Data

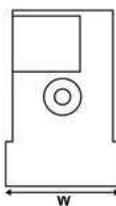
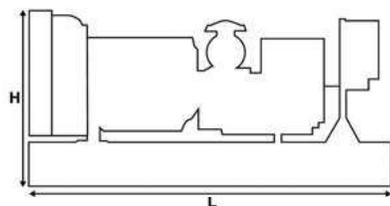
Voltage 50 Hz	Prime		Standby	
	kVA	kW	kVA	kW
415/240V	60.0	48.0	65.0	52.0
400/230V	60.0	48.0	65.0	52.0
380/220V	60.0	48.0	65.0	52.0
230/115V	60.0	48.0	65.0	52.0
220/127V	52.0	41.6	57.2	45.8
220/110V	60.0	48.0	65.0	52.0
200/115V	60.0	48.0	65.0	52.0

Voltage 60 Hz	Prime		Standby	
	kVA	kW	kVA	kW
480/277V	68.8	55.0	75.0	60.0
220/127V	68.8	55.0	75.0	60.0
380/220V	59.0	47.2	64.9	51.9
240/120V	65.0	52.0	71.5	57.2
230/115V	65.0	52.0	71.5	57.2
440/254V	62.0	49.6	68.2	54.6
220/110V	59.0	47.2	64.9	51.9
208/120V	68.8	55.0	75.0	60.0
240/139V	65.0	52.0	71.5	57.2

## Weights & Dimensions

Weights: kg (lb)	
Net (+ lube oil)	874 (1926)
Wet (+ lube oil & coolant)	887 (1955)
Fuel, lube oil & coolant	1072 (2363)

Dimensions: mm (in)	
Length	1925 (75.8)
Width	1120 (44.1)
Height	1361 (53.6)



**Note:** General configuration not to be used for installation. See general dimension drawings for detail.

## Definitions

### Standby Rating

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3).

### Prime Rating

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

### Standard Reference Conditions

Note: Standard reference conditions 25°C (77°F) air inlet temp, 100m (328ft) A.S.L. 30% relative humidity. Fuel consumption data at full load with diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, Class A2.

## General Data

### Documents

A full set of operation and maintenance manuals and circuit wiring diagrams.

### Quality Standards

The equipment meets the following standards: BS5000, ISO 8528, ISO 3046, IEC 60034, NEMA MG-1.22.

### Warranty

All prime equipment carries a one year manufacturer's warranty. Standby equipment, limited to 500 running hours per year, has a two year manufacturer's warranty. For details on warranty cover please contact your local Dealer, or visit our website: [www.OlympianPower.com](http://www.OlympianPower.com).

Information contained in this publication may be considered confidential. Discretion is recommended when distributing.

Materials and specifications are subject to change without notice. CAT, CATERPILLAR, their respective logos OLYMPIAN, "Caterpillar Yellow," 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.

[www.OlympianPower.com](http://www.OlympianPower.com)

© 2012 Caterpillar  
All rights reserved.



Enclosure pictured may include optional accessories

## SOUND ATTENUATED ENCLOSURES

### GEP26SP3 – GEP220-1 Range

The intelligent and striking design of the 24 – 220 kVA enclosure range meets the demands of diverse applications. Extremely durable, the enclosures are designed to resist corrosion and handling damage.

All OLYMPIAN weatherproof sound attenuated enclosures are the result of continuing research and development by our specialist acoustic engineers. These enclosures reduce sound levels to comply with the stage 2 levels of the European Community Directive 2000/14/EC which became effective 3 January 2006.

## FEATURES

### DURABLE AND ROBUST CONSTRUCTION

- Manufactured from galvanised steel
- Advanced powder coating paint finish
- Single piece main roof
- Baseframe extends beyond enclosure protecting against handling damage
- Minimal external fixings exposed to environment
- Zinc plated fasteners
- Corner posts and air handling units manufactured from high grade composite material

### EXCELLENT SERVICE AND MAINTENANCE ACCESS

- Side hinged doors on both sides of the enclosure incorporating lift-off hinges at 45 degrees
- Radiator fill via removable, flush mounted rain cap fitted with compression seal
- Lube oil cooling water drains piped to baseframe side rail, on exterior
- Removable end panels allow access to radiator, exhaust outlet and alternator rear
- Doors positioned for optimum access of frequently service items

### SECURITY AND SAFETY

- Secure, lockable doors prevent unauthorised access to control panel, fuel fill and battery
- Emergency stop button mounted on exterior, convenient to control panel
- Cooling fan and battery charging alternator fully guarded

### TRANSPORTABILITY

- Tested and certified single point lifting facility
- Lifting and drag points on baseframe facilitating handling from both sides

Exclusively from your Cat® dealer

### SOUND PRESSURE LEVELS (dBA)

Generating Set Model		LWA	50 Hz						60 Hz					
			15 m		7 m		1 m		15 m		7 m		1 m	
			75% Load	100% Load										
GEP33-3	Prime	93	60.5	61.8	66.5	67.8	76.3	78.4	60.6	62.7	66.6	68.7	77.6	79.9
	Standby	93	60.9	62.4	66.9	68.4	76.9	79.4	61.2	63.8	67.2	69.8	78.2	81.1
GEP33-6	Prime	94	59.4	61.3	65.4	67.3	76.5	78.6	-	-	-	-	-	-
	Standby	94	60.0	62.1	66.0	68.1	77.1	79.6	-	-	-	-	-	-
GEP50-7	Prime	93	56.7	57.7	62.7	63.7	76.7	77.9	59.7	60.8	65.7	66.8	79.5	80.8
	Standby	93	56.9	58.2	62.9	64.2	77.0	78.5	60.1	61.5	66.1	67.5	80.0	81.6
GEP50-4	Prime	90	55.7	56.4	61.7	62.4	75.3	75.5	-	-	-	-	-	-
	Standby	90	55.9	56.7	61.9	62.7	75.4	75.6	-	-	-	-	-	-
GEP55-3	Prime	93	56.9	58.2	62.9	64.2	77.0	78.5	60.1	61.5	66.1	67.5	80.0	81.6
	Standby	93	57.3	58.9	63.3	64.9	77.4	79.2	60.5	62.2	66.5	68.2	80.5	82.4
GEP55-4	Prime	91	56.2	56.5	62.2	62.5	75.3	75.5	-	-	-	-	-	-
	Standby	91	56.3	56.7	62.3	62.7	75.3	75.6	-	-	-	-	-	-
GEP65-9	Prime	93	57.6	59.4	63.6	65.4	77.8	79.7	61.0	63.0	67.0	69.0	81.0	83.3
	Standby	93	58.1	60.5	64.1	66.5	78.3	80.8	61.5	63.8	67.5	69.8	81.6	84.2
GEP88-3	Prime	92	57.7	59.1	63.7	65.1	76.0	77.0	60.6	61.2	66.6	67.2	79.0	79.5
	Standby	92	58.1	59.8	64.1	65.8	76.2	77.4	60.8	61.5	66.8	67.5	79.2	79.6
GEP88-6	Prime	96	61.3	61.4	67.3	67.4	80.1	80.2	-	-	-	-	-	-
	Standby	96	61.3	61.5	67.3	67.5	80.2	80.3	-	-	-	-	-	-
GEP110-4	Prime	96	62.4	63.1	68.4	69.1	80.4	81.0	65.2	65.4	71.2	71.4	84.4	84.6
	Standby	96	62.6	63.5	68.6	69.5	80.6	81.3	65.2	65.5	71.2	71.5	84.5	84.7
GEP110-6	Prime	94	61.4	61.6	67.4	67.6	80.2	80.3	-	-	-	-	-	-
	Standby	94	61.5	61.7	67.5	67.7	80.2	80.4	-	-	-	-	-	-
GEP150-1	Prime	96	61.2	61.7	67.2	67.7	79.2	79.4	64.3	64.5	70.3	70.5	82.8	83.0
	Standby	96	61.4	61.8	67.4	67.8	79.3	79.4	64.4	64.6	70.4	70.6	82.9	83.1
GEP150-4	Prime	-	58.5	58.9	64.5	64.9	77.0	77.3	-	-	-	-	-	-
	Standby	-	58.6	59.1	64.6	65.1	77.1	77.5	-	-	-	-	-	-
GEP165-1	Prime	-	62.7	63.4	68.7	69.4	79.3	79.9	-	-	-	-	-	-
	Standby	-	62.9	63.7	68.9	69.7	79.5	80.2	-	-	-	-	-	-
GEP165-4	Prime	-	58.6	59.1	64.6	65.1	77.1	77.5	-	-	-	-	-	-
	Standby	-	58.8	59.4	64.8	65.4	77.2	77.7	-	-	-	-	-	-
GEP200-1	Prime	97	62.0	62.4	68.0	68.4	80.2	80.4	-	-	-	-	-	-
	Standby	97	62.1	62.7	68.1	68.7	80.2	80.5	-	-	-	-	-	-
GEP200-4	Prime	95	59.4	60.2	65.4	66.2	77.7	78.1	63.2	63.6	69.2	69.6	82.9	83.1
	Standby	95	59.6	60.5	65.6	66.5	77.8	78.3	63.3	63.8	69.3	69.8	83.0	83.2
GEP220-1	Prime	97	62.3	63.5	68.3	69.5	80.0	80.7	-	-	-	-	-	-
	Standby	97	62.7	64.0	68.7	70.0	80.2	81.1	-	-	-	-	-	-

Levels in accordance with European Noise Directive (2000/14/EC).

Exclusively from your Cat® dealer

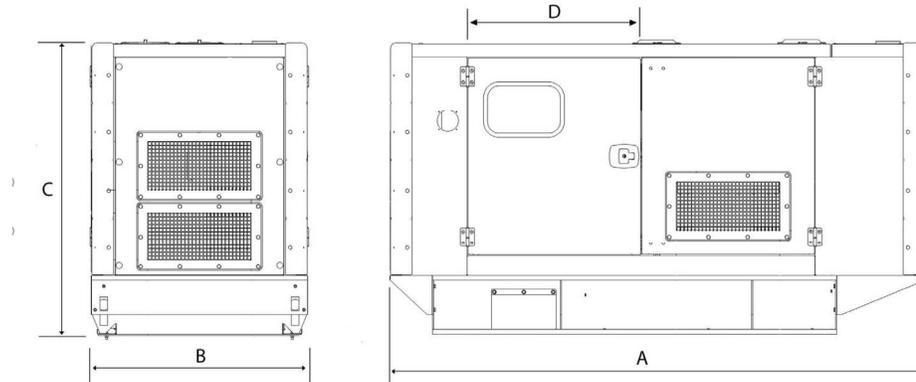
### SOUND PRESSURE LEVELS (dBA)

Generating Set Model		LWA	50 Hz						60 Hz					
			15 m		7 m		1 m		15 m		7 m		1 m	
			75% Load	100% Load										
GEP26SP3	Prime	93	60.5	61.8	66.5	67.8	76.3	78.4	-	-	-	-	-	-
	Standby	93	60.9	62.4	66.9	68.4	76.9	79.4	-	-	-	-	-	-
GEP26SP6	Prime	94	60.5	61.8	66.5	67.8	76.3	78.4	-	-	-	-	-	-
	Standby	94	60.9	62.4	66.9	68.4	76.9	79.4	-	-	-	-	-	-
GEP40SP2	Prime	90	55.7	56.4	61.7	62.4	75.3	75.5	-	-	-	-	-	-
	Standby	90	55.9	56.7	61.9	62.7	75.4	75.6	-	-	-	-	-	-
GEP40SP5	Prime	93	56.7	57.7	62.7	63.7	76.7	77.9	59.7	60.8	65.7	66.8	79.5	80.8
	Standby	93	56.9	58.2	62.9	64.2	77.0	78.5	60.1	61.5	66.1	67.5	80.0	81.6
GEP50SP9	Prime	91	58.1	59.1	64.1	65.1	76.6	77.3	61.1	62.1	67.1	68.1	78.9	80.0
	Standby	91	58.5	59.5	64.5	65.5	76.9	77.6	61.4	62.5	67.4	68.5	79.3	80.5
GEP55SP6	Prime	-	57.7	58.5	63.7	64.5	75.8	77.1	-	-	-	-	-	-
	Standby	-	57.9	58.9	63.9	64.9	76.2	77.8	-	-	-	-	-	-
GEP90SP4	Prime	-	62.2	62.8	68.2	68.8	80.2	80.8	65.1	65.3	71.1	71.3	84.4	84.6
	Standby	-	62.4	63.1	68.4	69.1	80.4	81.0	65.2	65.4	71.2	71.4	84.4	84.6
GEP90SP6	Prime	-	61.3	61.5	67.3	67.5	80.2	80.3	-	-	-	-	-	-
	Standby	-	61.4	61.6	67.4	67.6	80.2	80.3	-	-	-	-	-	-

Levels in accordance with European Noise Directive (2000/14/EC)

Exclusively from your Cat® dealer

## DIMENSIONS AND WEIGHTS

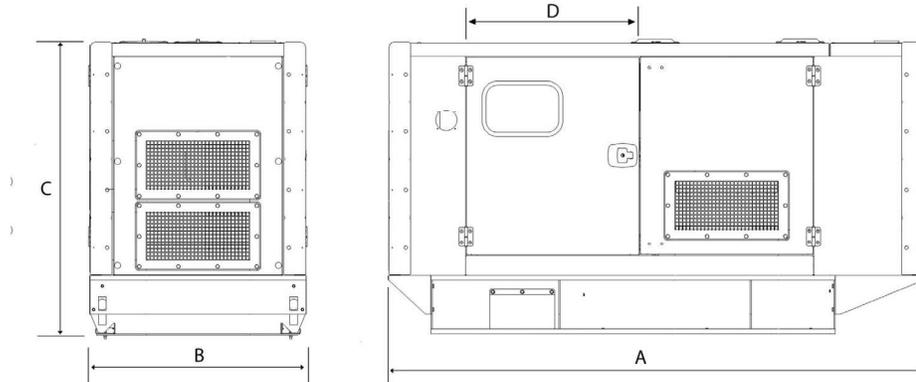


Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Fuel Capacity: l (US gal)	Weight: kg (lb)
GEP33-3	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	161 (43.0)	991 (2185)
GEP33-6	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	161 (43.0)	991 (2185)
GEP50-4	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1183 (2608)
GEP50-7	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1191 (2626)
GEP55-3	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1196 (2637)
GEP55-4	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1236 (2725)
GEP65-9	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1207 (2661)
GEP88-3	2300 (90.6)	1120 (44.1)	1519 (59.8)	795 (31.3)	219 (58.0)	1391 (3067)
GEP88-6	2770 (109.1)	1120 (44.1)	1525 (60.0)	896 (35.3)	250 (66.0)	1529 (3371)
GEP110-4	2770 (109.1)	1120 (44.1)	1525 (60.0)	899 (35.4)	250 (66.0)	1547 (3411)
GEP110-6	2770 (109.1)	1120 (44.1)	1525 (60.0)	899 (35.4)	250 (66.0)	1637 (3609)
GEP150-1	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	349 (92.2)	1912 (4215)
GEP150-4	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	349 (92.2)	1968 (4339)
GEP165-1	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	349 (92.2)	1944 (4285)
GEP165-4	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	349 (92.2)	2003 (4416)
GEP200-1	3520 (138.6)	1320 (52.0)	1815 (71.5)	1080 (42.5)	418 (110.0)	2198 (4836)
GEP200-4	3520 (138.6)	1320 (52.0)	1815 (71.5)	1080 (42.5)	418 (110.0)	2198 (4836)
GEP220-1	3520 (138.6)	1320 (52.0)	1815 (71.5)	1080 (42.5)	418 (110.0)	2238 (4934)

\*Clearance required on both sides of set.  
Weight with lube oil and coolant, no fuel.

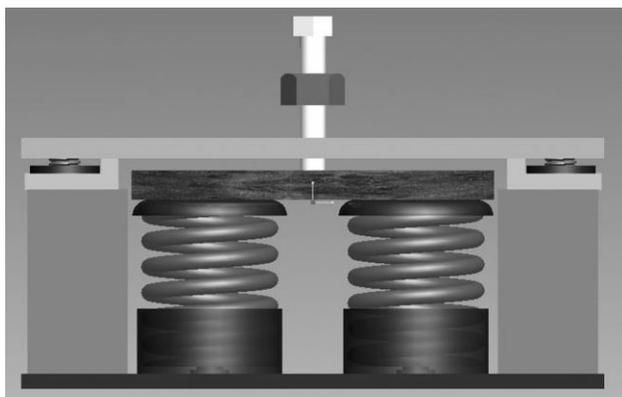
Exclusively from your Cat® dealer

## DIMENSIONS AND WEIGHTS



Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Fuel Capacity: l (US gal)	Weight: kg (lb)
GEP26SP3	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	161 (43.0)	991 (2185)
GEP26SP6	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	161 (43.0)	991 (2185)
GEP40SP2	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1199 (2643)
GEP40SP5	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1247 (2749)
GEP50SP9	2300 (90.6)	1120 (44.1)	1519 (59.8)	795 (31.3)	219 (58.0)	1315 (2899)
GEP55SP6	2300 (90.6)	1120 (44.1)	1519 (59.8)	795 (31.3)	219 (58.0)	1355 (2987)
GEP90SP4	2770 (109.1)	1120 (44.1)	1525 (60.0)	899 (35.4)	250 (66.0)	1613 (3556)
GEP90SP6	2770 (109.1)	1120 (44.1)	1525 (60.0)	899 (35.4)	250 (66.0)	1653 (3644)

\*Clearance required on both sides of set.  
Weight with lube oil and coolant, no fuel.



Isolator may differ from model shown

## Vibration Isolators

### Seismic 1.5G

This series of isolator combines the open spring mountings within a rugged welded steel housing. The housing is designed to limit equipment motion in all directions due to wind or seismic loads. An external adjusting bolt allows for full leveling capability of the equipment.

### FEATURES/BENEFITS

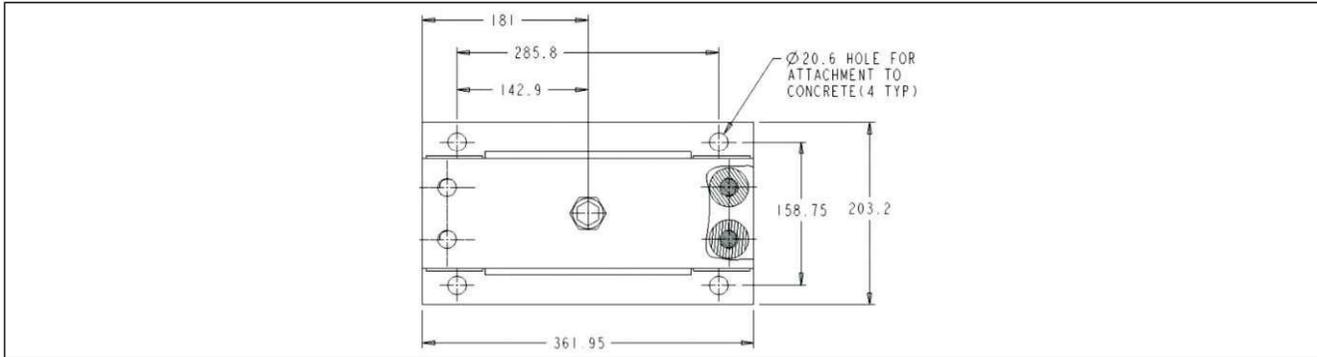
- Housings are welded steel construction
- The deflection is 1.11" at a static rated load of 4,000/5,150 lb per isolator
- Six mounts are strategically placed under the factory designed base to support the generator, engine, and radiator
- Installation spacer between the upper and lower housings ensures accurate installation height
- Springs are not welded to cups or housings
- Elastomeric acoustical spring cups are used under each spring, eliminating metal-to-metal contact
- The lower housing incorporates an oversized base plate that spreads the anchor bolts over a wider area
- Mounts are designed to be anchored to a concrete or steel base
- Pre-drilled holes in the housing base are easily accessible and simplify installation
- Top plate incorporates integral single point attachment and isolator adjustment bolt
- All zinc-electroplated hardware provides superior corrosion resistance
- Shipped loose for customer installation

Generator Set Frame	Seismic Application	Rated Capacity kg (lb)	Rated Deflection mm (in)	Color (Housing)	Color Code (Springs)	Est. unit Weight kg (lb)	Generator Installation Drawing	Feature Code
1401-1447	1.5G	1814 (4,000)	28.2 (1.11)	Black	White	23 (50)	349-7403	VIBIS49
1467-1488		2336 (5,150)		Black	White/Dk. Purple			

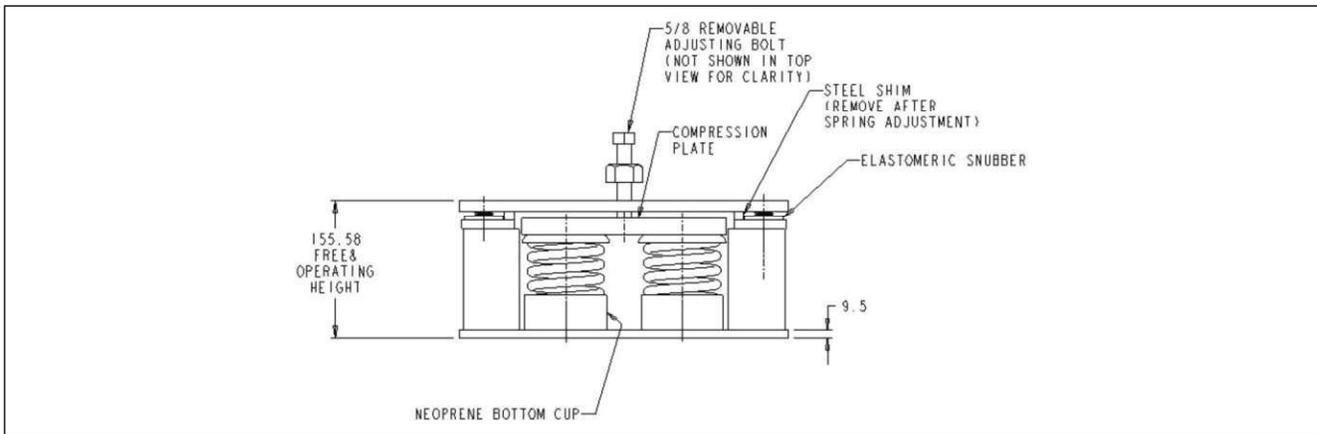
**Isolators protect equipment and environment from damaging vibrations, extend equipment life, and add to the value of the generator set.**

Isolators are pre-approved by OSHPD and carry an OPA number (OPA-0553-07) for use in hospital projects in California.

## Isolator Drawing



Six mounts total – 3 per side



Information contained in this publication may be considered confidential. Discretion is recommended when distributing. Materials and specifications are subject to change without notice. CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow," 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.

[www.Cat-ElectricPower.com](http://www.Cat-ElectricPower.com)

© 2010 Caterpillar  
All Rights Reserved.  
Printed in U.S.A.