

Exclusively from your Caterpillar® dealer



3 Cylinder Range



4 Cylinder Range



6 Cylinder Range

GEPX PACKAGED GENERATING SETS

The GEPX range of diesel generating sets from Olympian offers the convenience of a fully packaged, sound attenuated, autostart generating set, combined with increased levels of serviceability and compact design.

The GEPX range comes 'ready-to-run' with all features required for standby applications conveniently packaged together.

The GEPX package brings together the field proven durability of the Perkins powered range of Olympian generating sets from 30 to 165 kVA 3 phase and 26 to 64 kVA single phase with a microprocessor autostart control system and optional sound attenuated enclosure.

The new enclosure offers sound attenuation to levels below European Community regulations combined with increased ease of installation and serviceability, all within a compact footprint.

The GEPX package incorporates the latest developments in control technology with the PowerWizard control panels 1.1 and 2.0. The control panel delivers a high value package while setting the standard in reliability, serviceability and package integration.

OUTPUT RATINGS 3 PHASE

Generating Set Model	50 Hz				60 Hz			
	Prime		Standby		Prime		Standby	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW
GEPX30-1	27.0	21.6	30.0	24.0	30.0	24.0	34.0	27.2
GEPX33-1	30.0	24.0	33.0	26.4	33.8	27.0	37.5	30.0
GEPX44-5	40.0	32.0	44.0	35.2	45.0	36.0	50.0	40.0
GEPX50-5	45.0	36.0	50.0	40.0	50.0	40.0	56.3	45.0
GEPX55-1	50.0	40.0	55.0	44.0	56.3	45.0	62.5	50.0
GEPX65-5	60.0	48.0	65.0	52.0	68.8	55.0	75.0	60.0
GEPX88-1*	80.0	64.0	88.0	70.4	90.0	72.0	100.0	80.0
GEPX100	90.0	72.0	100	80.0	110	88.0	120	96.0
GEPX110	100	80.0	110	88.0	113	90.4	125	100
GEPX150*	135	108	150	120	150	120	165	132
GEPX165	150	120	165	132	N/A	N/A	N/A	N/A

Voltages 380-415v, 50 Hz; 208-240v, 60 Hz

*Not available at 220/110v, 208/120v at 60 Hz

Model GEPX88-1, 208/120 at 60 Hz is limited to 75.2 kW standby and 68 kW prime. Model GEPX150, 220/127v at 60 Hz is limited to 120 kW standby and 112kW prime.

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OUTPUT RATINGS SINGLE PHASE

Generating Set Model	50 Hz				60 Hz			
	Prime		Standby		Prime		Standby	
	kVA	kW	kVA	kW	kVA	kW	kVA	kW
GEPX26SP1	24.0	24.0	26.0	26.0	27.0	27.0	30.0	30.0
GEPX35SP5	32.0	32.0	35.0	35.0	36.0	36.0	40.0	40.0
GEPX44SP1	40.0	40.0	44.0	44.0	40.0	40.0	44.0	44.0
GEPX50SP5	45.0	45.0	50.0	50.0	50.0	50.0	55.0	55.0
GEPX64SP1	58.0	58.0	64.0	64.0	65.0	65.0	72.0	72.0

Voltages 220-240v, 2 Wire 50 Hz; 220-240v, 3 Wire 60 Hz

FEATURES - ENCLOSURE

ROBUST/HIGHLY CORROSION RESISTANT CONSTRUCTION

- Black zinc die cast hinges tested and proven to withstand extreme conditions of corrosion
- Zinc passivated or stainless steel fasteners
- Body made from sheet steel components with polyester powder coating at 200°C (392°F)

EXCELLENT ACCESS FOR MAINTENANCE

- Large cable entry area for installation ease

- Door location convenient to controls and service areas
- Vertically hinged doors allow 180° opening rotation
- Radiator fill access cover

SECURITY AND SAFETY

- Control panel viewing window
- Emergency stop push button (red) mounted on enclosure exterior
- Cooling fan fully guarded
- Fuel fill and battery can only be reached via lockable access doors

- Exhaust silencing system totally enclosed for operator safety

FUEL SYSTEM

- Baseframe design incorporates an integral metal fuel tank of 8 hour capacity
- The fuel tank is supplied complete with contents indicator, fuel fill cap with breather and strainer, fuel feed and return lines to engine and drain plug

TRANSPORTABILITY

- Lifting points on baseframe

FEATURES - POWER WIZARD 1.0 AND 2.0 CONTROL PANELS

- Programmable protective relaying, available as alarm and shutdown, protects against underspeed, overspeed, low battery voltage, high battery voltage
- Digital, 32-bit microprocessor-based system eliminates the need for multiple switches, meters, transducers, relays, and sending units, which translates to less wiring and fewer opportunities for mechanical failures
- Simultaneous viewing of all AC L-L voltages, all AC L-N voltages, or all AC line currents saves time
- User-friendly, convenient, customer programmability directs the customer to logical parameter groups (Ex. AC metering, protective relaying, engine monitoring) for quick keypad access
- Set points & software are stored in nonvolatile memory, preventing loss during a power outage
- True RMS sensing ensures AC metering accuracy of 2% for AC voltage, current
- Five levels of security allow operators to have different access privileges
- Two display languages, (English and a customer language of your choice) to aid service and commissioning



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OPTIONAL EQUIPMENT

CEC, C, C CERT
LUBP1, Lube oil drain pump
WSS1, Low coolant level shutdown
PBC5, PBC5L, Battery charger, 120v or 220/240v
BCWH, BCWHL, Battery charger & water heater combination, 120v or 220/240v
CAL, Sound attenuated enclosure
4 Pole, circuit breaker
ELR1, Earth leakage circuit breaker trip <=100 Amps
BAO1, Sub base c/w drip tray & fork lift pockets
ATI, Automatic load transfer panel
AR18A, Permanent magnet + R438 regulator
AR19A, Permanent magnet + R438 regulator + R731 3 phase sensing module
MCM7, Close remote monitor and control*
MCM9, 16 Channel programmable annunciator*
MCM8, Remote monitor and control by modem*
Languages - Arabic, Chinese (Sept. '05), Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Icelandic, Italian, Norwegian, Portuguese, Russian, Spanish and Swedish

*Available only with PowerWizard 2.0

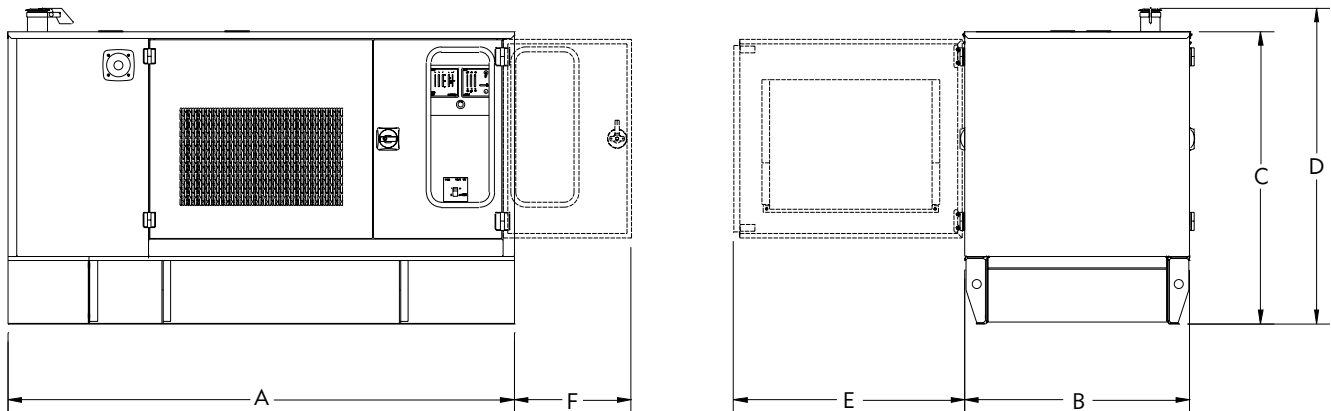
SOUND PRESSURE LEVELS (dBA)

Generating Set Model	Sound Power Level (LWA)	50 Hz at 1500 rpm						60 Hz at 1800 rpm					
		15 m		7 m		1 m		15 m		7 m		1 m	
		75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
GEPX26SP1	96	62.8	63.6	68.8	69.5	80.4	81.6	65.5	66.6	71.5	72.6	82.6	84.0
GEPX35SP5	91	61.9	61.4	67.9	67.4	79.5	79.9	64.2	65.4	70.2	71.4	81.1	80.3
GEPX44SP1	91	59.9	60.8	65.9	66.8	77.4	78.2	62.6	63.0	68.6	69.0	80.6	81.0
GEPX50SP5	91	60.2	61.5	66.2	67.5	77.7	78.9	62.9	63.6	68.9	69.6	80.8	81.5
GEPX64SP1	89	62.9	64.4	68.9	70.4	79.8	81.4	64.6	66.7	70.6	72.7	82.5	84.4
GEPX30-1	96	62.6	63.3	68.6	69.3	80.2	81.2	65.2	66.2	71.2	72.2	82.2	83.4
GEPX33-1	96	62.8	63.6	68.8	69.6	80.5	81.7	65.5	66.6	71.5	72.6	82.6	84.0
GEPX44-5	91	61.9	61.4	67.9	67.4	79.5	79.9	64.2	65.4	70.2	71.4	81.1	80.3
GEPX50-5	91	61.7	61.1	67.7	67.1	79.7	80.2	64.5	66.2	70.5	72.2	80.9	79.8
GEPX55-1	91	59.9	60.8	65.9	66.8	77.4	78.2	62.8	63.3	68.8	69.3	80.7	81.2
GEPX65-5	91	60.3	61.8	66.3	67.8	77.8	79.2	63.0	64.0	69.0	70.0	81.0	81.8
GEPX88-1	89	63.3	65.1	69.3	71.1	80.2	82.2	65.2	67.9	71.2	73.9	83.0	85.4
GEPX100	97	62.6	63.9	68.6	69.9	79.8	80.2	64.5	65.3	70.5	71.3	82.9	83.2
GEPX110	97	63.0	64.4	69.0	70.4	79.9	80.3	64.6	65.4	70.6	71.4	83.0	83.2
GEPX150	96	62.9	63.9	68.9	69.9	81.1	81.6	67.1	67.3	73.1	73.3	85.2	86.0
GEPX165	97	64.2	65.0	70.2	71.0	80.0	81.7	N/A	N/A	N/A	N/A	N/A	N/A

GEPX PACKAGED GENERATING SET

OLYMPIAN™

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End Door (F) only applies to models GEPX100, GEPX110, GEPX150 and GEPX165

DIMENSIONS AND WEIGHTS

Generating Set Model	A: mm (in)	B: mm (in)	C: mm (in)	D: mm (in)	E: mm (in)	F: mm (in)	Fuel Capacity: l (US gal)	Weight‡: kg (lb)
GEPX26SP1	1890 (74.4)	1000 (39.4)	1470 (59.7)	1470 (59.7)	1103 (43.4)	N/A	233 (62.0)	981 (2163)
GEPX35SP5	2250 (88.6)	1100 (43.3)	1500 (59.1)	1640 (64.6)	1103 (43.4)	N/A	245 (65.0)	1174 (2588)
GEPX44SP1	2250 (88.6)	1100 (43.3)	1500 (59.1)	1640 (64.6)	1103 (43.4)	N/A	245 (65.0)	1174 (2588)
GEPX50SP5	2250 (88.6)	1100 (43.3)	1500 (59.1)	1640 (64.6)	1103 (43.4)	N/A	245 (65.0)	1214 (2676)
GEPX64SP1	2250 (88.6)	1100 (43.3)	1500 (59.1)	1640 (64.6)	1103 (43.4)	N/A	245 (65.0)	1328 (2928)
GEPX30-1	1890 (74.4)	1000 (39.4)	1470 (57.1)	1558 (61.3)	1103 (43.4)	N/A	233 (62.0)	971 (2141)
GEPX33-1	2090 (82.3)	1000 (39.4)	1470 (57.1)	1558 (61.3)	1103 (43.4)	N/A	233 (62.0)	981 (2163)
GEPX44-5	2250 (88.6)	1100 (43.3)	1500 (59.1)	1640 (64.6)	1103 (43.4)	N/A	245 (65.0)	1104 (2434)
GEPX50-5	2250 (88.6)	1100 (43.3)	1500 (59.1)	1640 (64.6)	1103 (43.4)	N/A	245 (65.0)	1104 (2434)
GEPX55-1	2250 (88.6)	1100 (43.3)	1500 (59.1)	1640 (64.6)	1103 (43.4)	N/A	245 (65.0)	1124 (2478)
GEPX65-5	2250 (88.6)	1100 (43.3)	1500 (59.1)	1640 (64.6)	1103 (43.4)	N/A	245 (65.0)	1174 (2588)
GEPX88-1	2250 (88.6)	1100 (43.3)	1500 (59.1)	1640 (64.6)	1103 (43.4)	N/A	245 (65.0)	1286 (2835)
GEPX100	2830 (111)	1100 (43.3)	1670 (65.7)	1812 (71.3)	930 (36.6)*	975 (38.4)	300 (79.0)	1600 (3527)
GEPX110	2830 (111)	1100 (43.3)	1820 (71.7)	1962 (77.2)	930 (36.6)*	975 (38.4)	300 (79.0)	1750 (3858)
GEPX150	3245 (127)	1100 (43.3)	1670 (65.7)	1795 (70.7)	930 (36.6)*	975 (38.4)	300 (79.0)	1860 (4101)
GEPX165	3395 (134)	1100 (43.3)	1670 (65.7)	1795 (70.7)	930 (36.6)*	975 (38.4)	300 (79.0)	1940 (4277)

*Clearance required both sides

‡Includes Oil and Coolant

Market: International

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