



Commercial Marquis™ 5500 GenSet

Gasoline
5.5 kW 60 Hz



Commercial GenSet

- Suitable for Medium Duty Commercial-Mobile Applications
- Extremely Quiet; 73.5 dB(A) at 10 ft Before Installation
- One Year/1000 Hour Limited Warranty
- Electronic Governor for Tight Frequency Control; +/- 0%
- Capped Voltage Regulator for Stability as Load Changes
- Low Vibration
- Integral Spark Arresting Muffler

Models and Ratings

<u>Model</u>	<u>Fuel</u>	<u>Hz</u>	<u>Watts</u>	<u>Voltage</u>	<u>Amps</u>	<u>PF</u>	<u>Phase</u>	<u>Circuit Breaker</u>
5.5BGM-FA/26105	Gasoline	60	5500	120	45.8	1.0	1	(1) 30 A, (1) 20 A HACR

All 60 Hz models operate at 1800 r/min.

Ratings apply to altitudes up to 500 ft (152.4 m), 85° F (29.4° C).

Derating: Power output will decrease 3.5% for each 1000 ft (305 m) above 500 ft (153 m) and 1% for each 10° F (5.5° C) increase in ambient temperature above 85° F (29° C).

Weight, Size and Sound Level

- 258 lb (162 kg)
- Length 33.6 in (853.4 mm), Width 22.3 in (566.4 mm), Height 15.5 in (393.7 mm)
- 73.5 dB(A) at 10 ft (3 m), before installation, full load

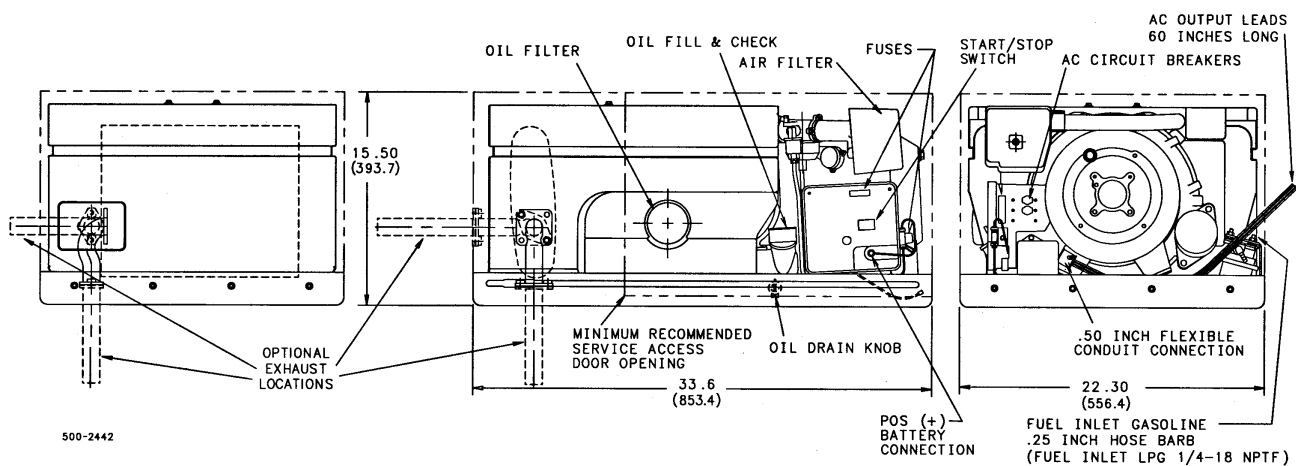
Standard Features

- Maintenance-free electronic governor
- Onan Performer™ engine
- Vacu Flo® cooling with thru flow generator
- 4-point focalized mounting system with vibration isolators
- Universal mounting tray with structural capability to support the genset in typical applications
- Capped voltage regulator
- Sound-attenuated housing
- Integral USDA Forest Service approved spark arrestor muffler
- Replaceable two-stage dry element air cleaner
- Integral control box
- Automatic choke
- Instant one-touch stop switch
- Electronic ignition
- Remote 3-wire start connector
- Automotive type starter with automatic start disconnect circuit
- Fuel filter
- Electric rotary fuel pump
- Positive fuel safety shutoff
- Spin-on full flow oil filter
- Automatic low oil pressure shutdown
- Carburetor air preheater
- 60-inch (1.5 m) generator output leads
- Overspeed/underspeed protection

Accessories

- Remote start/stop rocker switch (part #300-4936)
- Remote control with start/stop switch and running time meter (part #300-4937)
- Remote control with start/stop switch and DC voltmeter (part #300-4938)
- Remote control plug and wire harness, 10 ft (part #338-3489-01), 30 ft (part #338-3489-02)
- Battery, 12 V, 420 cold cranking amps at 0° F (-18° C) (part #416-0579)
- Under floor housing kit (part #405-4241)
- Rear exhaust tube tailpipe adapter kit (part #155-2426)
- Exhaust tube, straight with flanged end, 3 inch (part #155-2610), 7 inch (part #155-2424), 12.5 inch (part #155-2610-01)
- Cover plate, side and rear exit outlet (part #155-2443)
- Cover plate, side exit outlet (part #155-2444)
- Exhaust resonator (part #155-2449)
- Compartment mount installation template (part #539-1103)
- 10 A battery charging kit (part #541-0466)
- Remote control pigtail kit (part #305-0979)

Basic Dimensions



*includes 1/2 inch top clearance. See drawing.

This outline drawing is provided for general reference only is not intend for design or installation. See installation manual and obtain outline drawing number 500-2442 for more information (available from your Distributor/Dealer).

Engine Detail

Model: Onan® Performer™ P218 gasoline engine
Design: 4-cycle, L-head, two cylinders horizontally opposed
Displacement: 47.7 in³ (781.8 cm³)
Compression ratio: 6.9:1
Oil capacity: 3.5 qt (3.8 L), including filter spin-on, full flow lube oil filter
Power (max): at 1800 r/min: 10.3 hp
Cooling: Vacu-Flo®
 Cooling air volume: (includes generator cooling air for the thru flow cooling system): 60 Hz: 450 ft³/min (12.6 m³/min) at 1800 r/min
Fuel system: Sidedraft carburetor, electric rotary fuel pump, fuel lift 3 ft (914 mm), automatic choke with vacuum pull-off
 Combustion air volume: 60 Hz: 20 ft³/min (0.6 m³/min) at 1800 r/min
Air cleaner: Replaceable dry element with foam wrapper

Typical fuel consumption

Gasoline, Gal/hr (L/hr)	No load	Half load	Full load
	0.4 (1.5)	0.7 (2.6)	1.0 (3.8)

Starting system: Remote, 12 V, 3-wire, negative ground, automotive type starter with environmentally protected pinion
Ignition system: Electronic 12 V battery ignition with resistor plugs
 Automatic start disconnect
 Connector for remote start cable
 Start-stop rocker switch on control
Lubrication: Full pressure, positive displacement lube oil pump, low oil pressure shutdown, dipstick
Cylinder-crankcase: Alloy aluminum with iron cylinder liners cast into the block, aluminum oil base
Cylinder head: Alloy aluminum, removable
Valves: Austenitic steel alloy exhaust valve seats, positive rotors on exhaust valves

Alternator Detail

Design: Onan, brushless AC, 4-pole self-excited revolving field, permanently aligned to engine by a tapered shaft, drip-proof construction
Insulation system and temperature rise: Meets ANSI/RVIA-EGS-1 and CSA 946 standards
Cooling: Direct drive centrifugal blower
 Cooling air volume: (included in engine air volume): 60 Hz: 90 ft³/min (2.5 m³/min) at 1800 r/min
Voltage regulator: Electric

Rotor: Laminated electrical steel assembly press fitted to shaft, balanced, heavy insulated copper wire windings, amortisseur windings for improved waveform and motor starting
Stator: Laminated electrical steel assembly skewed for assembly waveform, heavy insulated copper wire windings
DC brushes: Electrographic, long life
Bearing: Double-sealed prelubricated ball bearing

GenSet Detail

	No load - full load	Constant load
Voltage regulation	0%	0%
Frequency regulation	0%	0%

Air Conditioner Starting

- One 13,500 BTU air conditioner with 3,300 W baseload or two 11,000 BTU air conditioners with 1,500 W baseload at 100° F (38° C) at 500 ft (152 m) elevation.

Warranty Policy

The ONAN limited warranty covers virtually everything except routine maintenance for the first year you own your generator set, or the first 1,000 hours of operation, whichever comes first. In addition, it includes a free 90-day adjustment policy, which provides that Onan will make minor adjustments to your new genset during the first three months you own it - free of charge!

For complete Onan limited warranty details see your certified Onan Distributor/Dealer.

After Sale Support

EASY TO LOCATE CERTIFIED ONAN SERVICE AND PARTS DEALERS - Onan has the largest and best-trained worldwide certified Distributor/Dealer network in the industry, offering on-time parts and service, and installation assistance. Cummins Onan Distributor/Dealers stock and sell commonly used Onan GenSet maintenance parts, accessories and products, plus operator manuals and literature on current Onan GenSets. They can help you select and install the right genset or accessories on older models, or provide answers to questions on proper operation and maintenance procedures.

MANUALS - Installation and operators manuals are shipped with the genset. To obtain additional copies or other manuals for this model, see your Cummins Onan Distributor/Dealer and request the following part numbers: Operators Manual (981-0153), Parts Manual (981-0238C), Service Manual (981-0518B), and Installation Manual (981-0604).

Standards and Testing

Tested at extremes of temperature -20° F to 120° F for starting and operation.
Tested with commercial loads.

Tested in high humidity conditions.

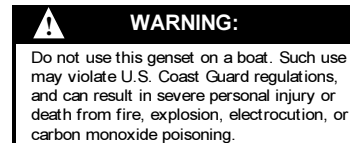
Tested in salt spray conditions.

Tested in heavy air borne dust conditions.

Field Test Program.

This product meets U.S. EPA Tier II.

This generator set was designed and manufactured in facilities certified to ISO 9001.



Contact your Distributor/Dealer for more information:

To locate the nearest Onan Distributor/Dealer, or for more information, contact Onan at 1-800-888-ONAN or 763-574-5000; 1400 73rd Avenue N.E., Minneapolis, MN 55432 U.S.A.; fax 763-574-5298; www.onan.com.



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WARNING: Backfeed to utility systems can cause electrocution or property damage. Do not connect to building electrical except through approved device and after building main breaker is opened.