



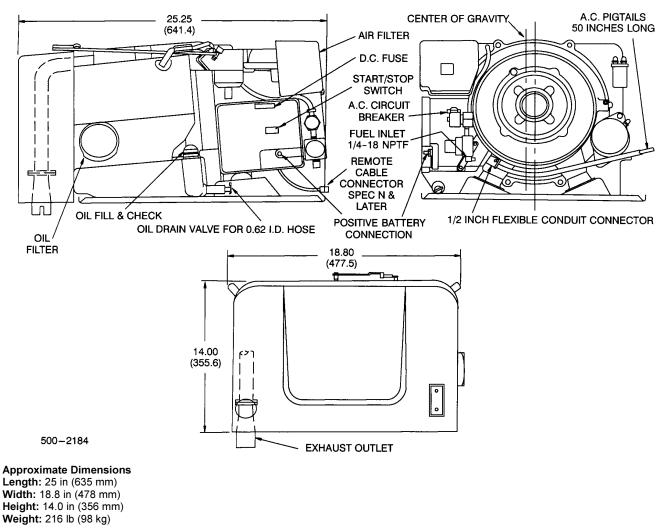
- RV GenSet Capped Voltage Regulator for Stability as Appliance Load Changes
  - Electronic Ignition for Reduced Maintenance and Dependable Cold Weather Starting
  - Gasoline or LP Fueled
  - **3-Year Limited Warranty**

Ratings and	Model	Fuel	Hz	RPM	Watts	Voltage	Amps	Ph	Circuit Breaker
Models	Conventional Com 4BGE-FA/26100 4BGE-FA/26110 4BGE-FN/29236 3.5BGE-FN/31813 4BGE-FA/11500	Gasoline LP Liquid Gasoline	60 60 50 50 60	1800 1800 1500 1500 1800	4000 4000 4000 3500 4000	120 120 120/240 120/240 120	33.3 33.3 33.3/16.7 29.2/14.6 33.3		(1) 30A (1) 30A (2) 17.5A (2) 15A (1) 30A
Weight, Size and Sound Level	•	; Width: 18.8 in 10 ft, 61 dB(A		•	•		sions inside)		
	Lower than Nation	al Park Service	e sou	nd leve	I requirem	ents (60 dB(A	) at 50 ft). C	an b	e used in National Parks.

\*Typical installation will further reduce sound level.

	Vacu-Flo cooling system plus Thru Flow	Electronic ignition			
Standard Features	<ul> <li>vacual to cooling system plus third flow generator</li> <li>3-point focalized mounting system with vibration isolators</li> <li>Drip controlling sheet steel base</li> <li>Shielded exhaust header</li> <li>2-stage air cleaner with replaceable dry element</li> <li>Connector for remote start/stop</li> <li>Automotive type starter with automatic start disconnect circuit</li> <li>Fuel filter</li> </ul>	<ul> <li>Capped voltage regulator</li> <li>Mechanical governor adjustable from service side</li> <li>Automatic choke with vacuum pull off</li> <li>Electronic fuel pump (gasoline), electric solenoid (LPG)</li> <li>Positive fuel safety shutoff (3 psi)</li> <li>Spin-on, full-flow lube oil filter</li> <li>Low oil pressure shutdown</li> <li>50-inch (1.3 m) generator output leads</li> <li>USDA Forest Service-approved spark arrestor muffler (available as an accessories)</li> </ul>			
Engine Detail	<ul> <li>Model: Onan Performer<sup>™</sup> P218 gasoline engine Design: 4-cycle, L-head, two cylinders horizontally opposed</li> <li>Compression Ratio: 6.9 to 1.0 Displacement: 47.7 in<sup>3</sup> (782 cm<sup>3</sup>)</li> <li>Maximum Power at 60 Hz: <ul> <li>BGE: (Gasoline): 10.3 bhp (7.7 kW)</li> <li>BGE: (LPG): 8.5 bhp (6.3 kW)</li> </ul> </li> <li>Maximum Power at 50 Hz: <ul> <li>BGE: (Gasoline): 8.3 bhp (6.2 kW)</li> <li>Cooling Vacu-Flo<sup>®</sup></li> </ul> </li> <li>Cooling Air Volume (includes generator cooling air for the Thru-Flow cooling system) <ul> <li>60 Hz: 480 ft<sup>3</sup>/min (13.4 m<sup>3</sup>/min)</li> <li>50 Hz: 400 ft<sup>3</sup>/min (0.6 m<sup>3</sup>/min)</li> <li>50 Hz: 17 ft<sup>3</sup>/min (0.5 m<sup>3</sup>/min)</li> </ul> </li> <li>BGE: (Gasoline): Sidedraft carburetor <ul> <li>Electronic Fuel Pump with positive fuel shutoff (3 psi), fuel lift 3 ft (914 mm)</li> <li>Replaceable dry element air cleaner</li> <li>Automatic choke with vacuum pull-off</li> </ul> </li> </ul>	<ul> <li>BGE: (LPG) Onan patented LP vaporizer with demand regulator</li> <li>Replaceable dry element air cleaner</li> <li>Ignition System: Electronic 12 V battery ignition with resistor plugs</li> <li>Starting System: Remote, 12 V, 3-wire negative ground</li> <li>Automotive type starter with environmentally protected pinion</li> <li>Automatic start disconnect</li> <li>Connector for remote start cable</li> <li>Start-stop rocker switch on control</li> <li>Lubrication: Full -pressure system</li> <li>Positive displacement lube oil pump</li> <li>Oil Capacity: 3.5 qt (3.8 L) including filter</li> <li>Spin-on, full-flow oil filter</li> <li>Low oil pressure shutdown dipstick</li> <li>Cylinder-Crankcase: Alloy aluminum with iron cylinder liners cast into the block</li> <li>Aluminum oil base</li> <li>Cylinder Head: Alloy aluminum</li> <li>Valve seats: Replaceable intake and exhaust valve seats</li> <li>Valve rotators: Positive rotators on exhaust valves</li> </ul>			
	No Load gph/(l/h)         Half Load gph/(l/h)           60 Hz BGE (Gasoline)         0.4 (1.6)         0.6 (2.5)           60 Hz BGE (LPG)         0.5 (1.9)         0.8 (3.0)           50 Hz BGE (Gasoline)         0.3 (1.1)         0.5 (2.0)	<u>Full Load</u> gph/(l/h) 0.8 (3.0) 1.3 (4.9) 0.7 (2.8)			
Generator Detail	Design: Onan, 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, BS-4999, and CSA 946 standards Cooling: Direct drive centrifugal blower Air Required: (included in engine cooling air volume) - 60-Hz: 90 ft <sup>3</sup> /min (2.5 m <sup>3</sup> /min) - 50-Hz: 75 ft <sup>3</sup> /min (2.1 m <sup>3</sup> /min)	Cast aluminum housing for excellent heat transfer Exciter: Electronic voltage regulator 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 improved waveform. - Heavy insulated copper wire windings DC Brushes: Electrographic; long life, easily serviced Bearing: Double-sealed, prelubricated ball bearing			
GenSet Performance	<b>Air Conditioner Starting:</b> (60 Hz) One 13,500 Btu air conditioner with 2,000 W baseload or two 11,000 Btu air conditioners with 1500 W baseload at 100°F (38°C) at 500 ft (152 m) elevation.	Frequency and Voltage Regulation: Better than requirements of ANSI/EGS-1.			

## Basic Dimensions



CAUTION: Drawings are supplied for reference only and should not be used for installation. See Installation Manual for details.

Options and Accessories

- Remote start/stop rocker switch (P/N 300-4936)
   Remote control with start/stop switch and
- running time meter (P/N 300-4937)
- Remote control with start/stop switch and DC voltmeter (P/N 300-4938)
- Battery, 12 V, 360 cold cranking amps at 0° F (-18°C)
- Housing kit (P/N405-4768) for underfloor installation
- Exhaust resonator (P/N 155-2449)
- Under set mounted exhaust, accessory kit (P/N 542-0471), left side outlet
- Under set mounted exhaust, accessory kit (P/N 542-0486), left side outlet with 2-inch extended tube and spacer
- Under set mounted exhaust, accessory kit (P/N 542-0472), right side outlet
- Under set mounted exhaust, accessory kit (P/N 542-0484), right side outlet with 2-in extended tube and spacer
- Set mounted exhaust, accessory kit (P/N 542-0482), rear outlet
- Set mounted exhaust, accessory kit (P/N 542-0469), front outlet
- Set mounted exhaust, accessory kit (P/N 542-0470), side outlet

Warranty Policy       own your RV generator set, and covers parts and labor on major power train and generator set parts during the third year. In addition, it also includes a free 90-day adjustment policy, which provides that Onan will ma minor adjustments to your new genset during the first three months you own it - free of charge! Please note The Onan 3-year Limited Warranty applies to RV generators used in RV applications only, and does not apple to RV generators used in commercial mobile applications.         After Sale Support       GENUINE ONAN MAINTENANCE CARE PARTS AND PRODUCTS         For your ongoing satisfaction and the dependability of your Onan RV genset, Onan offers a complete line of replacement and tune-up parts, oil and maintenance chemicals specifically designed for RV gensets. Easy to find at certified Onan RV Service and Parts Dealers coast-to-coast, Onan Green Label <sup>TM</sup> RV parts are packaged for correct selection and convenient on-board storage.         EASY TO LOCATE CERTIFIED ONAN RV SERVICE AND PARTS Dealers covering most major metropolitan areas in the U.S. and Canada. To easily locate the certified Onan Service Dealer, no matter where you travel, call 1-800-888-ONAN and ask us to send you an RV Service and	Onan Testing for RV Application	<ul> <li>Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation.</li> <li>Tested with RV loads, air conditioners, microwaves, converter, TVs, VCRs.</li> <li>Tested installed. Onan owns RVs used for product development testing.</li> <li>Tested in high humidity conditions.</li> <li>Tested in salt spray conditions.</li> <li>Tested in heavy airborne dust conditions.</li> <li>Field Test program.</li> <li>60 Hz (120V only) models listed by SGS United States Testing Company, Inc. per ANSI/EGS-1-1998 and CSA-certified per Electrical Bulletin 946.</li> <li>Ratings apply to altitudes up to 500 ft (150 m), 85° F (29° C) ambient with muffler, in RV enclosure.</li> <li>60 Hz models meet U.S. EPA Phase I and 1995-2001 California emission regulations for small off-road engines.</li> <li>Image: Company Company.</li> <li>Company Company Company.</li> <li>Company Company Company.</li> <li>Company Company Company Company Company Company Company Company Company Company.</li> <li>Company Company Company Company Company Company Company Company.</li> <li>Company Company Company Company Company Company Company.</li> <li>Company Company Company Company Company Company Company.</li> <li>Company Company Company Company Company.</li> <li>Company Company Company Company Company Company.</li> <li>Company Company Company Company Company Co</li></ul>
After Sale Support       GENUINE ONAN MAINTENANCE CARE PARTS AND PRODUCTS         For your ongoing satisfaction and the dependability of your Onan RV genset, Onan offers a complete line of replacement and tune-up parts, oil and maintenance chemicals specifically designed for RV gensets. Easy to find at certified Onan RV Service and Parts Dealers coast-to-coast, Onan Green Label <sup>TM</sup> RV parts are packaged for correct selection and convenient on-board storage.         EASY TO LOCATE CERTIFIED ONAN RV SERVICE AND PARTS DEALERS         Onan has trained, tested and certified over 1,000 Onan RV Service Dealers covering most major metropolitan areas in the U.S. and Canada. To easily locate the certified Onan Service Dealer, no matter where you travel, call 1-800-888-ONAN and ask us to send you an RV Service and	Warranty Policy	The ONAN Limited Warranty covers virtually everything except routine maintenance for the first two years you own your RV generator set, and covers parts and labor on major power train and generator set parts during the third year. In addition, it also 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! Please note: The Onan 3-year Limited Warranty applies to RV generators used in RV applications only, and does not apply to RV generators used in commercial mobile applications.
After Sale Support       For your ongoing satisfaction and the dependability of your Onan RV genset, Onan offers a complete line of replacement and tune-up parts, oil and maintenance chemicals specifically designed for RV gensets. Easy to find at certified Onan RV Service and Parts Dealers coast-to-coast, Onan Green Label <sup>™</sup> RV parts are packaged for correct selection and convenient on-board storage.       EASY TO LOCATE CERTIFIED ONAN RV SERVICE AND PARTS DEALERS         Onan has trained, tested and certified over 1,000 Onan RV Service Dealers covering most major metropolitan areas in the U.S. and Canada. To easily locate the certified Onan Service Dealer, no matter where you travel, call 1-800-888-ONAN and ask us to send you an RV Service and		For complete Onan Limited Warranty details see your Onan Distributor or Certified Onan Service Dealer.
Onan Corporation 1400 73rd Avenue N.E. Minneapolis, MN 55432		For your ongoing satisfaction and the dependability of your Onan RV genset, Onan offers a complete line of replacement and tune-up parts, oil and maintenance chemicals specifically designed for RV gensets. Easy to find at certified Onan RV Service and Parts Dealers coast-to-coast, Onan Green Label <sup>TM</sup> RV parts are packaged for correct selection and convenient on-board storage. <b>EASY TO LOCATE CERTIFIED ONAN RV SERVICE AND PARTS</b> Dealers covering most major metropolitan areas in the U.S. and Canada. To easily locate the certified Onan Service Dealer, no matter where you travel, call 1-800-888-ONAN and ask us to send you an RV Service and Parts Dealer Directory (F-919).

## See Your Onan Distributor:



Do not use this genset on a boat. Such use may violate U.S. Coast Guard regulations, and can result in severe personal injury or death from fire, explosion, electrocution, or carbon monoxide poisoning.

**WARNING:** Backfeed to a utility system can cause electrocution and/or property damage. Do not connect to any building's electrical system except through an approved device or after building main switch is open.