

Gasoline  
2.5 kW 60 Hz  
2.0 kW 50 Hz



## Portable GenSet

- Onan® 5.5 hp Overhead Valve Engine
- Full-Featured Control Panel
- Low Oil Pressure Shutdown with Indicator Light
- 6.5-gal, 20-hr Fuel Tank

## Models and Ratings

<u>Model</u>	<u>Starter</u>	<u>Hz</u>	<u>Voltage</u>	<u>Max Watts</u>	<u>Max Amps</u>	<u>Rated Watts</u>	<u>Rated Amps</u>	<u>AC Receptacles</u>
2.5 EGHAA/34879	Recoil	60	120	2500	20.8	2000	16.7	(1) Duplex 120V/20A GFI (1) Duplex 120V/20A
2.5 EGHAA/38018*	Recoil	60	120	1800	15	1800	15	(1) Duplex 120V/15A GFI (1) Duplex 120V/15A
2.0 EGHAM/34879	Recoil	50	110/220	2000	18.2/9.1	1800	16.4/8.2	International**

\*CSA-approved

\*\*A variety of international receptacles are available upon request.

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 sea level and 1% for each 10° F (5.5° C) increase in ambient temperature 85° F (29° C)

## Weight, Size and Sound Level

- Dry Weight: 2.5 kW (60 Hz), 105 lb (48 kg); 2.0 kW (50 Hz), 110 lb (50 kg)
- Length 26.8 in (681 mm), Width 22.0 in (554 mm), Height 24.6 in (625 mm)
- With Dolly Kit: Length 48.1 in (1222 mm), Width 34.0 in (864 mm), Height 32.57 in (827 mm)
- Sound Levels
  - 60 Hz: 73 dB(A) at 7 m, 84 dB(A) at 1 m, full load.
  - 50 Hz: 72 dB(A) at 7 m, 83 dB(A) at 1 m, full load (est.)

## Standard Features

- Onan® 5.5 hp overhead valve engine
  - Low oil pressure shutdown with indicator light
  - Electronic ignition
  - AC and DC manual reset circuit breakers
  - Dual element air cleaner
  - Wrap-around protective cradle of 1-in steel tubing
  - USDA spark-arresting muffler
  - Control panel mounted start/stop switch
  - Vibration isolator engine mountings
  - Recoil start
  - 6.5 gal, 20-hr fuel tank
  - Voltmeter
  - Full-featured control panel
  - 12 V, 10 A battery charging with cables
  - 3-year limited warranty. See Onan dealer for details
- Receptacles**
- 2.5 EGHAA/38018 (CSA-approved) (60 Hz)
    - (1) Duplex, 120 V/15 A GFI (NEMA 5-15R)
    - (1) Duplex, 120 V/15 A (NEMA 5-15R)
  - 2.5 EGHAA/34879 (Non-CSA approved) (60Hz)
    - (1) Duplex 120 V/20 A GFI (NEMA 5-20R)
    - (1) Duplex 120 V/20 A (NEMA 5-20R)
  - 2.0 EGHAM/34879 (50 Hz)
    - International receptacles available upon request.

## Accessories

Two wheel dolly kit - (part #410-1166)

## Engine and Performance Detail

**Design:** 4-cycle gasoline  
**Cylinders:** 1  
**Bore:** 2.64 in (67mm)  
**Stroke:** 1.89 in (48 mm)  
**Displacement:** 10.3 in<sup>3</sup> (169 cm<sup>3</sup>)  
**Max power:** 5.5 bhp  
**Cylinder liner:** Cast iron  
**Valves:** Overhead valve configuration. Premium valve materials, replaceable guides and seats and intake stem seals.

### Typical fuel consumption

Gasoline (gph/Lph)

	No load	Half load	Full load
60 Hz	NA	0.21 (0.78)	0.35 (1.31)
50 Hz	NA	0.17 (0.60)	0.28 (1.0)

**Lubrication:** Splash type  
**Lube oil capacity:** 0.63 qt (0.6 L)  
**Starting system:** Recoil  
**Approximate run time:** 20 hr at rated load (2.5 kW, 60 Hz) 23.5 hr at rated load (2.0 kW, 50 Hz)  
**Fuel tank capacity:** 6.5 gal (21 L)  
**Automatic decompression release system**

## Alternator Detail

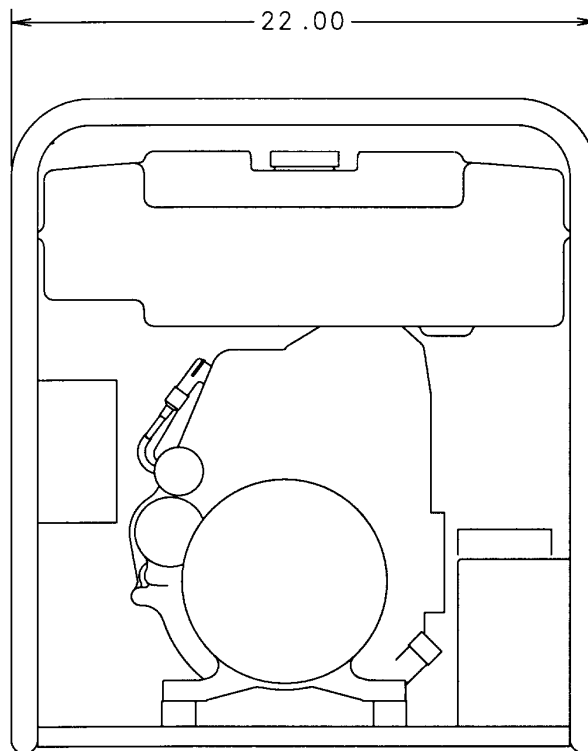
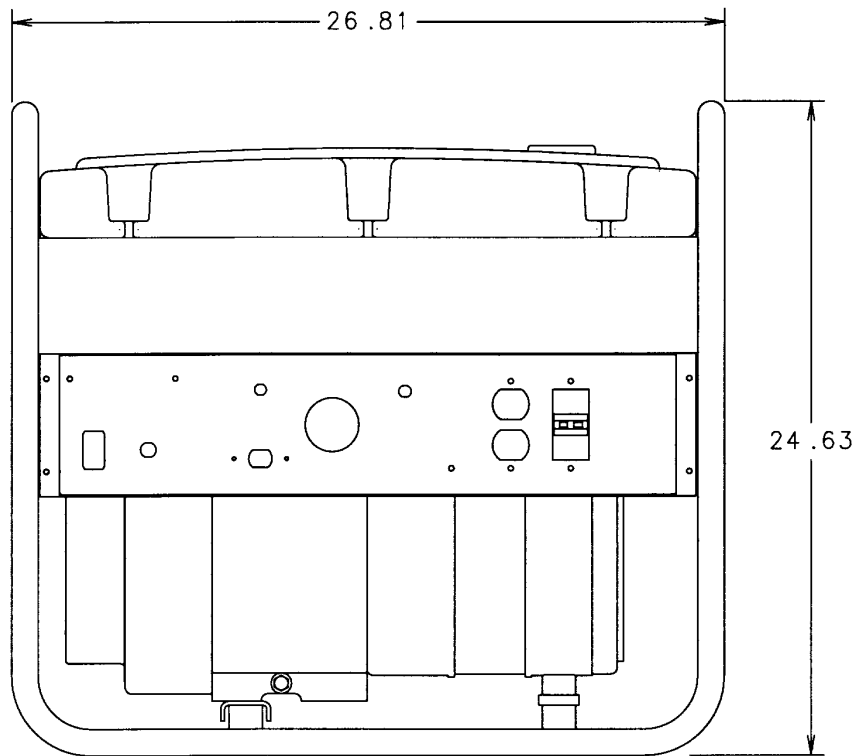
**Design:** 2-pole AC alternator  
**Exciter system:** Self-excited, permanent magnet provides instant voltage build up.

**Cooling:** Air-cooled  
**Voltage regulator:** Automatic (capacitor compensation)

### No Load to Full Load

Voltage regulation	±5%
Frequency regulation	±5%

# Basic Dimensions



500-2655

This outline drawing is provided for general reference only and is not intended for design or installation. See installation manual and obtain outline drawing 500-2665 for more information (available from your Distributor/Dealer).

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## Warranty Policy

Onan Pro Series Portable GenSets are backed by Onan's standard three-year limited warranty, with an optional five-year extended warranty. See your local Distributor/Dealer for details.

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## After Sale Support

### **GENUINE ONAN MAINTENANCE PARTS AND PRODUCTS**

For your ongoing satisfaction and the dependability of your Onan genset, Onan offers a complete line of replacement and tune-up parts, oil and maintenance chemicals specifically designed for gensets. Easy to find at Onan service and parts dealers coast-to-coast, Onan Green Label™ parts are packaged for correct selection and convenient storage.

### **EASY TO LOCATE CERTIFIED ONAN SERVICE AND PARTS DEALERS**

Onan has over 400 certified commercial service dealers covering most major metropolitan areas in the U.S. and Canada. To locate Onan service dealers in your area, call 1-800-888-ONAN and request a commercial service and parts dealer directory (F-1060).

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## Standards and Testing

Tested at extremes of temperature -20° F to +120° F for starting and operation. 60 Hz models (120/240 V only) listed by Nationwide Consumer Testing Institute, Inc. per ANSI/EGS-1 and CSA certified per electrical Bulletin 946.

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 Phase 1 and 1995-1999 California Regulations for utility and lawn and garden equipment engines.

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.

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Contact your Distributor/Dealer for more information:



To easily 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](http://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.