



# RV Marquis Platinum™ 6500 LP GenSet



## GeneratorJoe

4016 Quartz Drive  
Santa Rosa, CA 95405  
Phone: 707 539-9003  
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### RV GenSet

- **Quietest GenSet in Its Class**
- **Exceptionally Low Vibration Levels**
- **Integrated Design with Enclosed Muffler for Easy Installation**
- **Self-Diagnostic Capability to Simplify Troubleshooting**
- **Runs Two ACs with Power to Spare**
- **Digital Voltage Regulations for Stability as Appliance Loads Change**
- **3-Year Limited Warranty, Lifetime Drive Warranty**
- **Gasoline or LP Fueled**

### Ratings and Models

Model	Fuel	Hz	RPM	Watts	Voltage	Amps	Ph	Circuit Breaker
6.5 HGJAA-896A	LP Liquid	60	2880	6500	120	54.2	1	(2) 30A
6.5 HGJAA-898A	LP Vapor	60	2400	6500	120	54.2	1	(2) 30A

Ratings apply to altitudes up to 3000 ft (914 m).

Derating: Power output will decrease 3.5% for each 1000 ft (305 m) above 3000 ft (914 m), temperature derate not required for temperatures under 120° F (49.2° C).

### Weight, Size and Sound Level

- 294 lb
- Length: 33.6 in (853 mm); Width: 22.2 in (563 mm); Height: 16.7 in (425 mm)
- 66 dB(A) at 10 ft (3 m), 4 kW load installed in a typical RV



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## Standard Features

- Mechanical governor adjustable from service side
- Onan Performer™ OHV engine
- Pressurized Thru Flow cooling system
- 4-point mounting system with vibration isolators
- Universal mounting tray with structural capability to support the genset in RV applications
- Integral USDA Forest Service-approved spark-arrestor muffler
- Replaceable dry element air cleaner
- Integral control box
- Instant One-Touch stop switch
- Electronic magneto ignition
- Electric fuel solenoid
- Enclosed muffler
- Sound-attenuated housing
- Remote waterproof connector
- Automotive type starter with automatic start disconnect
- Spin-on, full-flow oil filter
- Low oil pressure protection
- Overspeed/underspeed protection
- Overcurrent protectors (see Models and Ratings section)
- Low power factor field overcurrent protection
- 120-inch generator output leads
- Digital voltage regulation

## Engine Detail

**Model:** Onan Performer™ OHV EH65V gasoline engine  
**Design:** 4-cycle, OHV, 90-degree V-Twin  
**Compression Ratio:** 8:1  
**Displacement:** 39.8 in<sup>3</sup> (653 cm<sup>3</sup>)  
**Maximum Power:** 11.6 bhp (8.6 kW)  
**Cooling:** Centrifugal blower, generator-mounted for high effectiveness, pressurized system, vertical flow  
**Cooling Air Volume:** 500 ft<sup>3</sup>/min (14.2 m<sup>3</sup>/min)  
 Includes engine, generator control cooling air flow  
**Fuel System:** Sidedraft mixer with demand regulator  
 Combustion air volume at rated load: 17.5 ft<sup>3</sup>/m (0.49 m<sup>3</sup>/m)  
 Replaceable dry element air cleaner

### Average Fuel Consumption

	No Load lb/h(kg/h)	Half Load lb/h(kg/h)	Full Load lb/h(kg/h)
50 and 60 Hz (LPG)	2.2 (1.0)	3.9 (1.8)	5.3 (2.4)

**Ignition System:** Electronic magneto type with resistor plugs  
**Starting System:** Remote, 12 V, 3-wire, negative ground. Automotive-type starter with steel pinion and ring gear, automatic start disconnect, connector for remote start cable, start-stop rocker switch mounted on set control.  
**Lubrication:** Full pressure, positive displacement lube oil pump, spin-on, full flow lube oil filter, low oil pressure shutdown, dipstick  
**Oil Capacity:** 2.0 qt (1.9 L) including filter  
**Cylinder-Crankcase:** Alloy aluminum with iron cylinder liners cast into the block, aluminum oil base  
**Cylinder Head:** Aluminum, overhead valve, removable

## Generator Detail

**Design:** Onan, revolving field, AC, 2-pole self-excited, two bearing design  
**Insulation System and Temperature Rise:** Meets ANSI/RVIA EGS-1, and CSA 946 requirements  
**Cooling:** Direct drive centrifugal blower, cast aluminum housing for excellent heat transfer  
**Excitation:** Digital voltage regulation

**Rotor:** Laminated electrical steel assembly press-fitted to shaft, balanced. Heavy insulated copper wire windings. Optimized air gap 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  
**Bearing:** Double-sealed prelubricated ball bearings

## GenSet Performance

**Air Conditioner Starting:** Two 13,500-Btu air conditioners with 3000 W baseload at 100°F (38°C) at 500 ft (152 m) elevation.

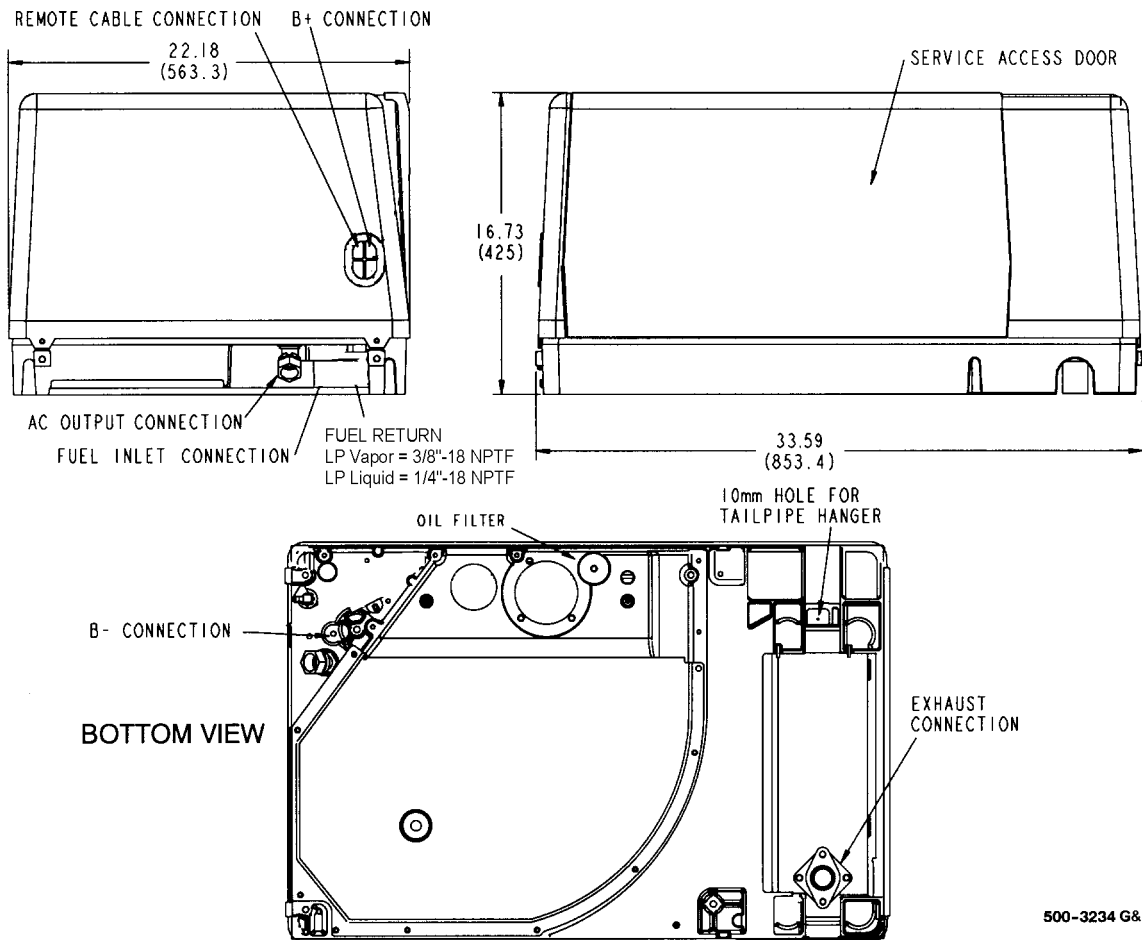
**Frequency and Voltage Regulation:** Exceeds requirements of ANSI/EGS-1  
**Sound Level:** 66 dB(A) at 10 ft (3 m), 4 kW load installed in a typical RV



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# 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 300-5331)
- Remote control with start/stop switch and running time meter (P/N 300-5332)
- Remote control w/start/stop switch and DC voltmeter (P/N 300-5333)
- Remote control plug and wire harness (10 ft - P/N 338-3489-01, 30 ft - P/N 338-3489-02)
- Battery, 12 V, 360 cold cranking amps at 0°F (-18°C)
- Underfloor mount kit, (P/N 405-6699)
- Installation template, (P/N 539-2057)
- Tailpipe kit, (P/N 155-3421)
- Exhaust tube, straight with flanged end (3 in - P/N 155-2610, 7 in - P/N 155-2424, 12.5 in - P/N 155-2610-01)



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## Onan Testing for RV Application

Tested at extremes of temperature -20° F (-29° C) to 120° F (49° C) for starting and operation.  
Tested with RV loads, air conditioners, microwaves, converter, TVs, VCRs.  
Tested installed. Onan owns RVs used for product development testing.  
Tested in high humidity conditions.  
Tested in salt spray conditions.  
Tested in heavy airborne dust conditions.  
Field Test program.  
Ratings apply to altitudes up to 500 ft (150 m), 85° F (29° C) ambient with muffler, in RV enclosure.  
60 Hz models meet U.S. EPA Phase I and 1995-2001 California emission regulations for small off-road engines.



## 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.

The warranty period for the drive train belt and pulleys on the HGJ series generators used in recreational vehicles shall be the life of the generator. For the original owner, this drive train warranty shall include parts and labor. For succeeding owners, this power train warranty shall cover belt and pulley parts only.

For complete Onan Limited Warranty details see your Onan Distributor or Certified Onan Service Dealer.

## 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™ 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.



## See Your Onan Distributor:



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# Onan®

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**WARNING:**  
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.