

CREATING
POWER
SOLUTIONS



Hatz GD 3200 Silent Pack

Hatz Energy Solutions

GD 3200 Silent Pack: Features and Benefits

- Ideal for RV OEM first fit applications
- Computer-controlled constant speed operation
-quiet diesel performance for smaller RVs
- Special sound-controlling housing encloses cooling system and muffler
- Double isolation mounting system reduces vibration
- Easy, accessible maintenance points
- Runs one rooftop air conditioner with power to spare
- Integrated start/stop control with hour meter

Ambient conditions for rated output with muffler and RV enclosure, per ISO 8528-1:

Temperature: 77°F [25°C]

Altitude: 500 ft [152.4 mm], [99 kPa dry]

Power output change based on ambient conditions:

Temperature: Power output decreases 1% for every 10°F [5.5°C] increases

Altitude: Power output decreases 3.5% for every 1000 ft [305 mm] increases.

Ratings represent minimums. Actual performance may be significantly higher based on installation and operating conditions.

Battery Chargers

Designed specifically to charge batteries by converting diesel fuel into electrical energy, providing a portable and efficient solution for recharging batteries with direct current.

Generators

Produces continuous electrical power to supply a broad range of devices and systems, like recreational vehicles [RV] with alternating current.

Weight: 205 lbs. [93kg]

Length: 30.2 in. [766mm]

Width: 17.3 in. [439mm]

Height: 18 in. [453mm]

Sound Level: 72 dB[A] [reading at 10ft [3m] half load]

Meets national park service sound level requirements [60 dB[A] @ 50 ft] for national park use. Typical installation will further reduce sound level.

Design: Hatz 4-cycle, air-cooled diesel engine

Cylinders: 1, vertical

Bore: 3.15 in [80.0mm]

Stroke: 2.72 in [69mm]

Displacement: 21.16 in³ [347 cm³]

Compression ratio: 22 to 1

Lube oil capacity: 1.2 qt [1.1L]

Control Systems

- Microprocessor control
- Service diagnostics
- Maintenance reminders
- Over voltage, over speed and overload safety
- AC alternator over temp safety
- Automatic timed glow plug
- Remote LCD display with start/stop switches included
- Remote display harness included-26.2 ft [8 m]

Standard Features

- Hatz single cylinder diesel engines
- Hatz fiPMG [Flywheel Integrated Permanent Magnet Generator]
- Digital voltage regulation with no adjustment required
- Integral enclosed muffler with stationary exhaust pipe connection point
- USDA-approved spark arrestor
- Sound insulated cover with cooling air inlet and outlet ducts
- Heavy-duty air cleaner
- Automotive type starter
- Hour meter
- Meets applicable U.S. EPA and California emissions standards
- Connector for remote operation
- Double isolation mounting system
- Terminal block connection for AC output
- Electric fuel pump
- Fuel filter
- Cleanable oil screen filter
- Service and maintenance through service doors
- Pure sine wave

Testing for RV Applications

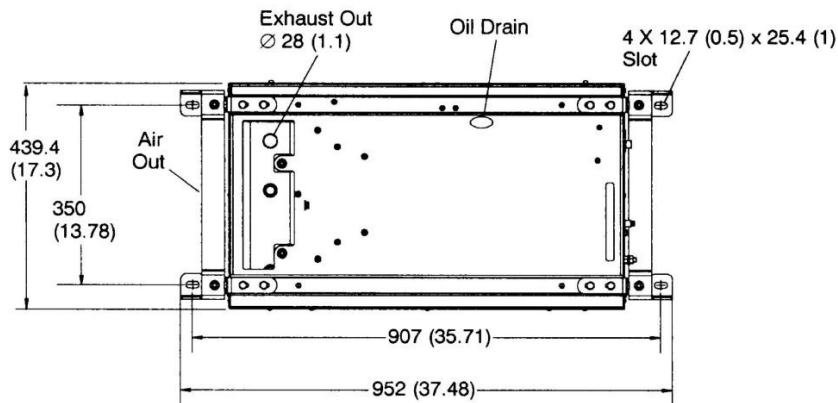
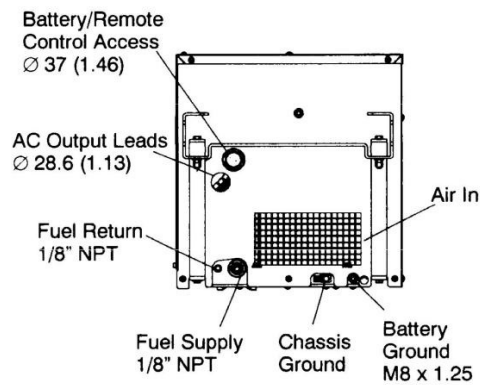
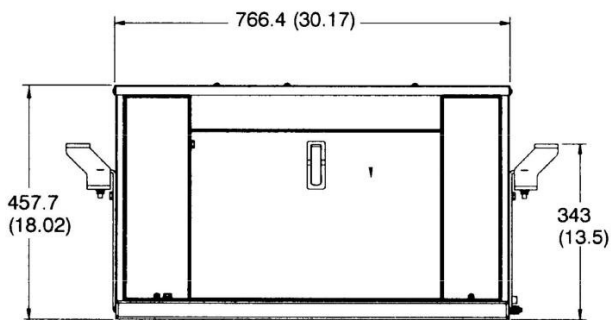
- Tested at extreme temperatures -20°F [-29°C] to 120°F [49°C] for starting and operation
- Tested with RV loads, air conditioners, microwaves, converter, TVs, VCRs
- Tested in high humidity conditions
- Tested in salt spray conditions
- Tested in heavy airborne dust conditions
- Field test program
- 60 Hz [120 V only] models listed by SGS U.S.

Testing Company, Inc per ANSI/RVIA EGS-1 and CSA-certified by Std. 100 motors and generators and TIL RV 06.

- This generator set was designed and manufactured in facilities certified to ISO 9001
- 60 Hz models meet applicable U.S. EPA and California emissions standards

Technical Data [mm (in)]

Model	Frequency	Watts	Voltage	Amps	Phase
GD 3200-120 Silent Pack RV	60 Hz	3200	120	26.7	1
BD 2800-28 Silent Pack	60 Hz	2800	28	100	1
BD 3000-56 Silent Pack	60 Hz	3000	56	56	1



Fuel Consumption Gal/h(L/h)

No Load	Half	Full load
0.2 Gal/h [0.7 L/h]	0.3 Gal/h [1.0 L/h]	0.4 Gal/h [1.4 L/h]

! WARNING:
 Back feed to a utility system can cause electrocution and/or property damage. Do not connect to any building electrical except through an approved device or after building main breaker is open.

! WARNING:
 Do not use this generator set 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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