



Diesel Generators [> Print chart](#)

# 5000W / RGD5000H



## Generator Overview:

RGD5000H

## Generator Family Overview:

When diesel is the fuel of choice, Subaru offers 2 models to choose from. Rugged steel wrap frame protects the generator in the most demanding applications. An extensive control panel with numerous standard features are equipped on both models.

## Specifications:

<b>Type</b>	Brushless Self-Excited
<b>Voltage Regulation</b>	Capacitor
<b>Frequency</b>	60 HZ
<b>Voltage</b>	120/240
<b>Phase</b>	Single
<b>Max. Output (watts)</b>	5000
<b>Max. Amps</b>	41.7/20.8
<b>Rated Output (watts)</b>	4500
<b>Rated Amps</b>	37.5/18.8
<b>dbA Rating @ rated output (7 meters)</b>	80
<b>Current Protection</b>	GFCI and fuseless circuit breaker
<b>Engine Model</b>	Hatz 1B40

<b>Engine Type</b>	4 cycle single cylinder
<b>Low Oil System</b>	Pressure
<b>Fuel</b>	Diesel
<b>Fuel Tank Capacity</b>	4.4
<b>Continuous Operation (hours at rated load)</b>	5.9
<b>Starting System</b>	Electric with Recoil backup
<b>Battery Recommendation (or equal)</b>	Interstate SP40
<b>Dimensions (L x W x H)</b>	31" x 20" x 23"
<b>Dry Weight lbs</b>	229
<b>Receptacle</b>	120V. 20A GFCI Duplex
<b>Receptacle</b>	120V. 30A Twistlock
<b>Receptacle</b>	120/240V. 20A Twistlock
<b>12V DC Charging</b>	8.3
<b>Voltmeter</b>	Standard
<b>Hourmeter</b>	Standard
<b>Pilot Lamp</b>	Standard
<b>Full Power Switch</b>	Standard

### Key Features & Benefits:

<b>Control panel</b>	User friendly control panel.
<b>Electric Start</b>	All electric start models are key start for ease of starting. Battery not included.
<b>GFCI Duplex Receptacle</b>	GFCI (ground fault circuit interrupt) receptacles help ensure operator safety and is OSHA compliant.
<b>20 amp Twist Lock 120/240 Receptacle</b>	
<b>30 amp Twist Lock 120 Volt Receptacle</b>	
<b>Hourmeter</b>	Hourmeters keep track of the hours of operation. It also serves as a way to keep track of important maintenance levels that needs to be performed on the equipment.
<b>Voltmeter</b>	Voltmeters monitor the voltage output of the generator.
<b>AC Circuit Breakers</b>	An AC circuit breaker automatically interrupts the current flowing through it when the current exceeds the trip rating of the breaker protecting the generator from an overload.
<b>Full Power Switch</b>	Full power switch allows 120 volt full power connection to one receptacle.

**12Volt DC Battery Charging**

Subaru generators incorporates 12 volt DC battery charging capabilities for external battery charging.

**Fuel Gauge**

Easy to read fuel tank gauge helps the operator monitor fuel level.

**Engine Warning Indicator Lights**

Engine warning indicator lights include:  
Engine running light  
Battery charging light  
Oil light

**Large Metal Fuel Tank**

Large metal fuel tank provides extended run times between refills. The fuel strainer prevents debris from entering the tank.

**Dual capacitor voltage regulation**

Large dual capacitor voltage regulation protects against surges, allowing output as high as 150 percent over rated power for up to 20 seconds.

**Convenient Oil Check and Large Fill Hole  
Large Fuel Filters  
Battery Rack & Cables**

Battery rack & cables are included for all electric start models. Battery not included.

**Metal Fuel Shut Off Valve  
Industrial Air Cleaner  
Large Muffler with Spark Arrestor**

Subaru/Hatz specifically engineers each muffler to each engine, therefore providing optimum sound reduction. Each muffler includes a US Forestry-approved spark arrestor.

**Subaru/Hatz Industrial Diesel Engine**