

Technology Fact Sheet

Propane-fueled portable generators offer convenient access to power when and where it is needed, especially in remote areas and for backup purposes.

Generac's new 3,250-watt portable generator fueled by propane is designed for multiple uses including lawn care equipment, small home appliances, power tools, and emergency backup. The unit is the first of a new line of portable generators by Generac that have an integrated propane tank for increased mobility and easy refueling.



Portable generators can be used at home or transported and used in a remote location, and they do not require complicated installation.

— National Association of Certified Home Inspectors



Current Status: Commercialization Phase

Research Development and Testing Demonstration **Commercialization**

- The 3,250-watt multipurpose generator will be available for purchase in spring 2011.
- Development of the 1,600-watt and 5,000-watt models is under way; commercialization is scheduled for early 2012.

Technology Features

- Integrated standard 20-pound propane cylinder.
- Ergonomically designed dolly-style folding handle.
- Lightweight and wheel-mounted.
- Pull-start capability.
- Automatic low-oil shutdown.

Entire portable generator line could account for eight to ten percent of the existing portable generators market.

Uses just about four gallons of propane for every nine hours of operation at half load.

Reduces evaporative emissions and fuel spillage when refueling compared with gasoline and diesel.

3,250-Watt Portable: Key Benefits

Enables more reliable operation by using propane, which does not degrade over time like gasoline.

Easy to transport because of tank integration, mounted wheels, and ergonomic handle.

Emits fewer ozone-forming compounds than gasoline-powered equipment.

For more information on this and other research projects, go to www.propanetechnology.com.

A Closer Look

3,250-Watt Multipurpose Portable Generator: Where It Works



Home

Coffee maker
Microwave oven
Television
Security system



Outdoors

Edge trimmer
Chain saw
Hedge trimmer
Lawn mower



Workshop

Belt sander
Compressor
Table saw
Hand drill



Events

Inflator pump
Box fan
Outdoor lighting string



Emergency Backup

Sump pump
Refrigerator or freezer
Lamp
Radio

Projects:

Propane Portable Generator Line ([Docket I6414](#))

Partners:

Generac Power Systems, Inc.

Research Process (✓ = completed; ➤ = in progress; ★ = upcoming)

Development and Testing

3,250-Watt Multipurpose Generator ✓

- Design, build, and verify the prototype to ensure that it meets the performance specifications in the project plan.
- Build and validate pre-production units for the 3,250-watt multi-purpose unit.

5,000-Watt Storm Response and 1,600-Watt Recreational Generators ➤

- Design, build, and verify the prototypes to ensure that they meet the performance specifications in the project plan.
- Build and validate pre-production units for the 5,000-watt storm response and 1,600-watt recreational units.

Commercialization

3,250-Watt Multipurpose Generator ➤

- Release the unit for production, making it available for purchase in spring 2011 using Generac's broad distribution network.

5,000-Watt Storm Response and 1,600-Watt Recreational Generators ★

- Release the 5,000-watt storm response and 1,600-watt recreational for purchase in early 2012.

What's Next?

As the 3,250-watt unit is released for purchase, Generac will continue to design and develop the remaining generators in the portable line in time for release in early 2012.



FOR MORE INFORMATION:

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