## Energy Efficient Automatic Standby Generator Systems





## **Rethinking Backup Power**

Every home has its own unique rhythm.... its own beat. Yet, power failure happens all the time, to thousands of people you may know and millions more you don't.

Just one power outage may not only cost you thousands of dollars, but it can also take your family out of its normal tempo, sometimes for days or even weeks at a time.

Introducing a new generation of smart, automatic home backup power systems. More compact, more energy efficient and more intelligent. The new Standby Generators by GE are also more affordable because they feature patented controls that efficiently manage the energy demands of your entire home.

And that's a perfect fit for your family. Because in today's world, it's all about doing more with less.



Power Fact
The average US consumer experiences more than power outages annually

of Public Service - April, 2007





### A Tradition of Innovation

From light bulbs to power generation, financial services to water processing, and medical imaging to media content, GE people worldwide turn imaginative ideas into leading products and services. We're dedicated to helping solve some of the world's toughest problems.









#### Don't Let Its Size Fool You

The compact 10kW offers an affordable whole house solution for 73% of all homes in the US

## A Smarter Backup Power Solution

#### **Power More For Less**

Advanced Symphony™ power controls allow for a more compact, energy efficient and affordable whole house solution (10-45kW).

### Maximum Fuel Economy

Intelligent management of your home's appliances results in up to 33% less fuel consumption than the leading competitor.

#### Space-Saving Design

The most compact design in the industry (10kW) allows for a low profile that blends in with your home and landscape.

#### Whole House Power Management

Finally there is an affordable whole house backup power solution from a brand you know and trust.

## Innovative Features You Need From A Name You Can Trust



## Stay Connected, Stay Protected

Let's face it. Having to brave the elements to check on the status of your home standby generator would be no fun. That's why GE provides a Remote System Status Panel for convenient reporting of eight different reporting functions from a safe location inside the home.



## Power Your Family Can Count On

The new Synergy™ Powertrain features advanced power technology that combines a commercial Vanguard™ V-Twin engine with a premium alternator for years of smooth, computer-friendly backup power.



# **Power Fact**Electrical power research institute estimates the national cost of

power interruptions is

\$119 billion annually (EPRI - February, 200



## **Neighbor Friendly**

Tough on the outside, ultra-quiet on the inside. The Sound Vault™ Enclosure features a patented aerodynamic design, an automotive-style exhaust system, and acoustic foam dampeners for quiet – yet durable – performance. Perfect for coastal climates, this durable, all-weather enclosure features an automotive rust-proofing paint process for years of rust-resistant, four season protection.

Tested 65dB @ 7 meters.



### **Maximum Protection**

4-5 year limited warranty, depending on model. The exclusive premium warranty is your quarantee of quality and performance.

- 4 year limited (7, 10kW) –
   \$140 added value\*
- 5 year limited (12, 15, 20kW) -Up to a \$319 added value\*





## open for whole house sizing

## Managing the Power Of Your Whole House When The Power Goes Out.

Finally there is a better, more affordable whole house backup power solution to meet your family's needs and budget. Thanks to a key breakthrough in energy management technology, now you can enjoy the comfort of your whole house with a more compact and energy efficient Standby Generator.









Household Items

Living Room 3 Bedrooms Kitchen 1.5 Bathrooms

Dinette

**Optional Upgrade:** 



Hot Water Heater Range



Whole House Solution 2

up to two ton central AC's

up to two





Living Room Kitchen Dining Room

Household Items

4 Bedrooms 2 Bathrooms Laundry Room

**Optional Upgrade:** 



Additional Items

Water Pump Range



ton central AC's Whole House Solution 3







Household Items Living Room

4 Bedrooms 3 Bathrooms Home Office Laundry Room

**Optional Upgrade:** 



**Additional Items** Pool Heater

Wall Unit AC Attic Fan









Household Items Living Room Master Suite Home Office Dining Room Laundry Room Great Room Den 5 Bedrooms Recreation Room 4 Bathrooms Home Theater

**Optional** Upgrade:



#### Additional Items Pool Heater Jacuzzi

Wall Unit AC Attic Fan

### **Estimation Tool**

Proper sizing starts by considering:





The patented Symphony™ power controls offer a whole house solution for virtually every size home. For more information on how to determine your central air power requirements, visit www.ge.com/generatorsystems.

\*\* Please note: Every home has it's own unique energy footprint, and while understanding your

## **Standby Power Facts**



You don't need a large, expensive generator to get whole house power.

Breakthrough power management technology prioritizes key appliances, allowing you to get peak performance from a smaller generator. A smaller generator means less expense, less fuel consumption, less sound, and lower emissions.



73% of all homes have a 3-ton central air conditioner or less.

The patented Symphony™ Automatic Transfer Switch enables Standby Generator Systems by GE to manage the rigorous demands of multiple AC units without fear of overload.



## Whole house power or select circuits?

Competitive systems offer 10, 12, 14 or 16 circuits which only allow you to power 50% of your home or less. Energy efficient Standby Generator System by GE efficiently manage the power demands of your whole house.



# You Don't Need A Larger Generator, **Just A Smarter One.**





# Would You Rather Power less than 50% Of Your Home

- or -

## **Have Managed Whole House Comfort?**

Power Coverage	
Power for essential items only	4 Pre-packaged solutions will manage your
(20kW needed for Whole House power)	whole house needs (10-20kW Systems)
Power Management	
Standard Automatic Transfer Switches –	Includes natented whole house SymphonyTM Controls
10, 12, 14, or 16 circuits	Includes patented whole house Symphony™ Controls • Includes overload protection
No overload protection	• Includes overload protection
Power Monitoring	
Not Included	Damasta Cuatana Ctatua III aliudad
	Remote System Status - Included
Enclosure	
Standard Steel Enclosure – 66dB	Patented Sound Vault™ Design – 65dB (12-15kW) / 68dB (20kW)
Standard Steel Enclosure - 660B	Paterilea Souria vault Design – 65ab (12-15kw)/ 66ab (20kw)
Engine/Alternator	
Generac OHVI® / True Power®	Synergy™ Powertrain by GE / Briggs & Stratton
	Vanguard™ Commercial Engine
Warranty	
3 Year Limited	4 year limited (7, 10kW) – <b>\$140 added value</b>
	5 year limited (12, 15, 20kW) - Up to a \$319 added value



## Not All Appliances Are Powered Equally

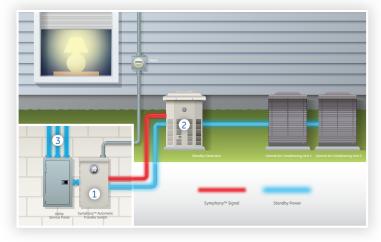
Some appliances in your home, like your central air conditioning, stove and electric clothes dryer, require a large amount of power to start up and operate effectively. The revolutionary new Symphony™ power controls orchestrate both high demand and normal appliances in your home for efficient whole house comfort when your power fails. The end result? You no longer need to purchase a large, expensive and fuel-hungry generator to have complete comfort when the power goes out.

### **Power More For Less**



Standard whole house packages include a generator and a patented 200 Amp Symphony<sup>TM</sup> Automatic Transfer Switch that will efficiently manage your whole house power demands including up to two central air conditioners.

### **How It Works**



- 1 The patented Symphony™ Automatic Transfer Switch continually monitors your home's connection to local utility power.
- When an outage occurs, the system senses it immediately and starts your generator automatically switching from utility power to standby power.
- The revolutionary computer controls allow you to manage the demands of your whole house including up to two central air conditioners for premium comfort and control.

## 7kW Essential Power





The compact and affordable 7kW Standby Generator by GE allows you to automatically power your home's essential appliances while still maintaining comfort and control from a smaller, more energy efficient system.







#### **Model Number**

40315GE

#### Watts

7,000 Liquid Propane (LP) / 6,000 Natural Gas (NG)

#### Enclosure

Patented Sound Vault™ Design

#### **Transfer Switch**

50A, 10 Circuit

#### Dimensions / Weight

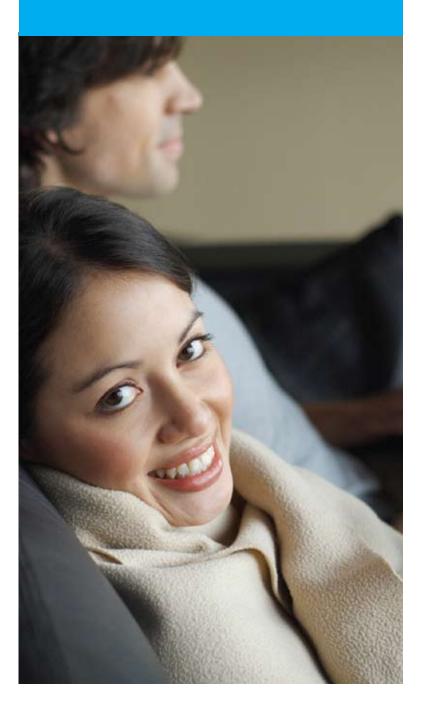
32" x 34.25" x 38.5" / 299 lbs.

#### Fuel Consumption (at 1/2 load)

33 Ft<sup>3</sup>/HR Liquid Propane (LP) / 80 Ft<sup>3</sup>/HR Natural Gas (NG)

#### Package Includes

Standby generator, 50A 10 circuit transfer switch, hour meter, Remote System Status Panel, mounting pad, synthetic oil







Introducing the most compact, energy efficient whole house backup power solution on the market. Perfect for small and medium size homes, the system includes the revolutionary new Symphony automatic transfer switch which will allow you to efficiently manage the energy demands of your whole house, including up to two 3-ton central air conditioners.







#### **Model Number**

40316GE

#### Watts

10,000 Liquid Propane (LP) / 9,000 Natural Gas (NG)

#### Enclosure

Patented Sound Vault™ Design

#### Engine / Alternator

Commercial-Grade Synergy™ Powertrain

#### **Dimensions / Weight**

32" x 34.25" x 38.5" / 335 lbs.

#### Fuel Consumption (at 1/2 load)

35 Ft<sup>3</sup>/HR Liquid Propane (LP) / 84 Ft<sup>3</sup>/HR Natural Gas (NG)

#### Package Includes

Standby generator, Symphony  $^{\text{TM}}$  200A Automatic Transfer Switch, hour meter, Remote System Status Panel, mounting pad, synthetic oil









Perfect for medium size homes, the energy efficient 12kW Standby Generator System by GE features the revolutionary new Symphony™ automatic transfer switch that manages the power demands of your whole house, including up to two 4-ton central air conditioners.







#### **Model Number**

40307GE

#### Watts

12,000 Liquid Propane (LP) / 11,000 Natural Gas (NG)

#### Enclosure

Patented Sound Vault™ Design

#### Engine / Alternator

Commercial-Grade Synergy™ Powertrain

#### **Dimensions / Weight**

48" X 33" X 30.5" / 530 lbs.

#### Fuel Consumption (at 1/2 load)

41 Ft<sup>3</sup>/HR Liquid Propane (LP) / 102 Ft<sup>3</sup>/HR Natural Gas (NG)

#### Package Includes

Standby generator, Symphony  $^{\text{TM}}$  200A Automatic Transfer Switch, hour meter, Remote System Status Panel, mounting pad, synthetic oil









Large

Perfect for larger homes, the energy efficient 15kW Standby Generator System by GE features the revolutionary new Symphony™ automatic transfer switch that manages the power demands of your whole house including up to two 5-ton central air conditioners.







#### **Model Number**

40308GE

#### Watts

15,000 Liquid Propane (LP) / 14,000 Natural Gas (NG)

#### Enclosure

Patented Sound Vault™ Design

#### Engine / Alternator

Commercial-Grade Synergy™ Powertrain

#### **Dimensions / Weight**

48" x 33" x 30.5" / 592 lbs.

#### Fuel Consumption (at 1/2 load)

56 Ft<sup>3</sup>/HR Liquid Propane (LP) / 126 Ft<sup>3</sup>/HR Natural Gas (NG)

#### Package Includes

Standby generator, Symphony™ 200A Automatic Transfer Switch, hour meter, Remote System Status Panel, mounting pad, synthetic oil









Got a few more bells and whistles that you just can't do without? Perfect for luxury size homes, the energy efficient 20kW Standby Generator System by GE features the revolutionary new Symphony™ automatic transfer switch that manages the power demands of your whole house, including up to two 5-ton central air conditioners.







#### **Model Number**

40309GE

#### Watts

20,000 Liquid Propane (LP) / 18,000 Natural Gas (NG)

#### Enclosure

Patented Sound Vault™ Design

#### Engine / Alternator

Commercial-Grade Synergy™ Powertrain

#### Dimensions / Weight

48" x 33" x 30.5" / 600 lbs.

#### Fuel Consumption (at 1/2 load)

71 Ft<sup>3</sup>/HR Liquid Propane (LP) / 160 Ft<sup>3</sup>/HR Natural Gas (NG)

#### Package Includes

Standby generator, Symphony™ 200A Automatic Transfer Switch, hour meter, Remote System Status Panel, mounting pad, synthetic oil



## Symphony™ Power Management Upgrade





# Do you have an all electric home?

Electric appliances can leave your family vulnerable to power loss, especially when heating your home is important. Many electric homes are kept warm with a heat pump by running the central air conditioning system in reverse to distribute heat back into the home. The Symphony<sup>TM</sup> Power Management System upgrade enables electric homes to manage an additional 4 high wattage appliances in addition to home heating for an affordable, compact whole house power solution.



**Model Number** 

71042

Rated AC Voltage

120/240

Frequency

60Hz

**Relay Contacts Rating** 

120/240, 50 Amp

Dimensions / Weight

24" x 14" x 6" / 40 lbs.

## **Liquid Cooled Solution**







Looking for reliable, commercial grade standby power for your primary residence or vacation property? 30kW and 45kW Generator Systems by GE are a simple way to not only protect your family each time the power goes out, but also meet the power demands of a technologically advanced, high square footage home.





#### **Model Number**

076004NG

#### Watts

30,000 Liquid Propane (LP)\* / 27,000 Natural Gas (NG)

#### Enclosure

Durable All-Weather Enclosure

#### Engine / Alternator

4 Cylinder GM® Vortec® / Brushless Alternator / 1800 RPM

#### Dimensions / Weight

84.5" x 39.5" x 41.5" / 1800 lbs.

#### Fuel Consumption (at 1/2 load)

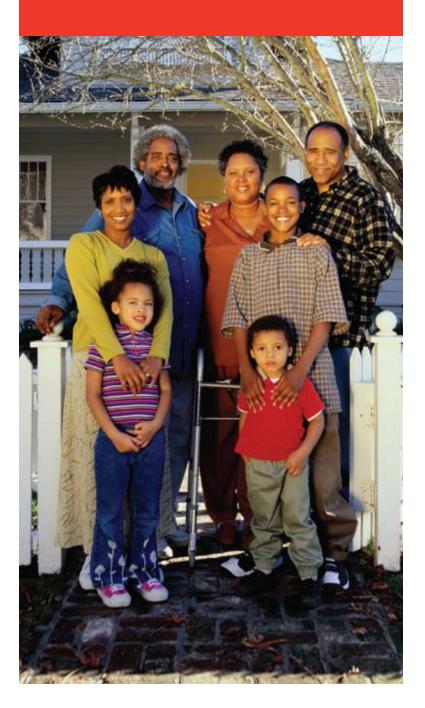
92 Ft<sup>3</sup>/HR Liquid Propane (LP) / 259 Ft<sup>3</sup>/HR Natural Gas (NG)

#### Package Includes

Standby generator, hour meter, Remote System Status Panel, battery charger, engine block heater, radiator fluid and oil (Transfer switch sold separately)

\* Adjustments to the timing and fuel system are required for an LP conversion. Ask your GE installer for details.

## **Liquid Cooled Solution**







Looking for reliable, commercial grade standby power for your primary residence or vacation property? 30kW and 45kW Generator Systems by GE are a simple way to not only protect your family each time the power goes out, but also meet the power demands of a technologically advanced, high square footage home.





#### **Model Number**

076005NG

#### Watts

45,000 Liquid Propane (LP)\* and Natural Gas (NG)

#### Enclosure

Durable All-Weather Enclosure

#### Engine / Alternator

8 Cylinder GM® Vortec® / Brushless Alternator / 1800 RPM

#### Dimensions / Weight

98.5" x 39.5" x 44" / 2100 lbs.

#### Fuel Consumption (at 1/2 load)

178 Ft<sup>3</sup>/HR Liquid Propane (LP) / 483 Ft<sup>3</sup>/HR Natural Gas (NG)

#### Package Includes

Standby generator, hour meter, Remote System Status Panel, battery charger, engine block heater, radiator fluid and oil (Transfer switch sold separately)

\* Adjustments to the timing and fuel system are required for an LP conversion. Ask your GE installer for details.

# A Continuing Tradition of Quality and Innovation

For over 130 years, GE has been committed to producing innovative products that change the way people live.

From expert sizing and installation to unparalleled service and support, the innovative new Standby Generator Systems by GE offer the perfect turnkey backup power solution for 21st century life.



### Save Green

Homeowners today demand a home backup energy solution that saves money while reducing environmental impact. When the power goes out, Standby Generator Systems by GE save up to 33% in fuel costs and tangibly increase your comfort level and security.





## Find out more online or by phone www.ge.com/generatorsystems or call 888-575-8226

## For more information call:





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