

**26**  
kW

**POWERPROTECT. DX**  
Standby Generators



## RESIDENTIAL Standby Generators



## SPECIFICATIONS

### OVERVIEW

Brand	Briggs & Stratton®
Series Name	Power Protect™
Model Name	PPDX26
Model Number	040664
Rated AC Voltage (Volts)	120 / 240
Frequency (Hz)	60
Generator Breaker (Amps)	125
Operating Ambient Temperature (°C / °F)	-28 - 40 / -20 - 104
Running Amperage, Standby (LP / NG) (Amps)	108.3 / 100
Running Watts, Standby (LP / NG) (kW)	26 <sup>1</sup> / 24
Power Factor	1.0
Exercise Duration	16 seconds

### Engine

Engine Brand/Manufacturer	Vanguard®
Model Type	M61
Aspiration	Naturally Aspirated
Speed (RPM)	3600
Displacement (ci/cc)	61 / 993
Compression Ratio	9.7:1
Governor Type	Electronic

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Engine	
Bore & Stroke (mm / in)	85.5 x 86.5 / 3.37 x 3.41
Cylinder Block	Aluminum with Cast Iron Sleeve
Valve Arrangement	OHV
Engine Cylinder Configuration	V
Number of Cylinders	2
Start Type	Automatic
Frequency Regulation Steady State, No Load to Full Load (%)	+/- 1.0
Air Filter Type	Dry
Low Oil Pressure Switch	Yes
Engine Oil Heater	Optional
Rated Temperature (°C / °F)	25 / 77
Sound Rating <sup>2</sup>	
Low Idle Mode Sound dB(A)	63
Normal Operating Sound <sup>2</sup> dB(A)	65
Lubrication System	
Type	Full Pressure
Oil Capacity (oz / L)	78 / 2.31
Oil Filter (Quantity / Type)	1 / Cartridge
Oil Brand	Schaeffer
Recommended Oil	5W30 Full Synthetic
Electrical System	
Ignition System	Variable Timing
Battery Quantity	1
Battery Voltage (VDC)	12
Battery CCA (Amps)	540
Battery Grouping Size	26 or 51
Starter Motor Voltage (VDC)	12
Fuel System	
Fuel Type	NG / LPV
Fuel Supply Line Inlet	3/4" NPT
Recommended Fuel, Lower Heating Value Minimum (MJ/m <sup>3</sup> / BTU/ft <sup>3</sup> )	NG: 34.3 / 904 LPV: 87.1 / 2338
Fuel Supply Pressure (mbar / in H2O)	NG: 9-17 / 3.5-7 LPV: 28-34 / 11-14

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Fuel Consumption <sup>2</sup>	
No Load, NG (BTU/hr)	122,000
No Load, NG (ft <sup>3</sup> /hr)	122
Half Load, NG (BTU/hr)	206,000
Half Load, NG (ft <sup>3</sup> /hr)	206
Full Load, NG (BTU/hr)	323,000
Full Load, NG (ft <sup>3</sup> /hr)	323
No Load, LP (BTU/hr)	123,000
No Load, LP (ft <sup>3</sup> /hr)	49
No Load, LP (gal/hr)	1.4
Half Load, LP (BTU/hr)	235,000
Half Load, LP (ft <sup>3</sup> /hr)	94
Half Load, LP (gal/hr)	2.6
Full Load, LP (BTU/hr)	427,000
Full Load, LP (ft <sup>3</sup> /hr)	171
Full Load, LP (gal/hr)	4.7
Alternator Specifications	
Alternator Type	Self-Excited, Rotating Field
Alternator Manufacturer	Briggs & Stratton
Frequency (Hz)	60
Phase	1
Insulation Rating (Class)	H
Designed Temperature Rise (°C)	125
Bearing (Quantity / Type)	1 / Sealed
Number of Poles	2
Voltage Regulator	Brushed / Electronic
Motor Starting Capability (kVA)	41 (13% Voltage Dip)
Total Harmonic Distortion (THD), NL to FL (%)	< 5
Controls/Instrumentation	
Controller	GC-1032
Charger	Stand Alone
Starting	AMF or 2-wire
LED Digital Display	Yes
Alternator Frequency	Yes
Real Time Clock	Yes

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Controls/Instrumentation	
Low Oil Pressure Shutdown	Yes
High Temperature Shutdown	Yes
Fault Code Display	Yes
Other Features	
Battery Rack and Cables	Yes
Fuel Solenoid Valve	Yes
Integral Vibration Isolation	Yes
Oil Drain Extension	Yes
Operation and Installation Manual(s)	Yes
Enclosure	Aluminum
Wind Speed Rating (mph)	186
Accessories	
Maintenance Kit	6872
Oil Warmer	6840
Fuel Regulator Warmer	6845
Surge Protector	6631
Gateway	6520
UPS	6581
InfoHub™ Universal - Cellular	6574
Gateway Range Extender	6839
Limited Warranty <sup>4</sup>	
Warranty: Generator, Domestic & Canada (Parts / Labor / Travel) — Years	10
Warranty: Generator, International (Parts / Labor / Travel) — Years/Hours	3 / 1000
Warranty: Enclosure, Surface Rust and Corrosion (Parts / Labor / Travel) — Years	1
Warranty: Enclosure, Rust Through (Parts / Labor / Travel) — Years	3
Certifications	
UL	Yes
cUL	Yes
CE	No
Massachusetts Plumbers and Gasfitters Listing	Yes





# STANDBY GENERATORS



## Features and Benefits

- The smart way to direct backup power anywhere in your house, without the need for a large, expensive generator.
- Lets you prioritize the use of up to 8 high-wattage appliances
- Actively monitors and manages power usage to protect against generator overload
- Customized installation that can easily be adapted to meet your changing power requirements.

## Symphony® II Power Management System

Whole-house power is now a whole lot more affordable with Briggs & Stratton's new Symphony® II Power Management system. As the most customizable Power Management system anywhere, this patented technology is the easiest way to give your family unprecedented peace of mind and protection during a power outage.

Symphony® II Power Management automatically balances the power needs of your home's electrical loads — including high-wattage items like air conditioning units, electric stoves and electric dryers — to give your family uninterrupted, whole-house power with a more affordable home generator. To learn more, visit [BRIGGSandSTRATTON.COM](http://BRIGGSandSTRATTON.COM).





## How Symphony® II Works

With Symphony® II Power Management, you can select up to eight high-wattage appliances based on your family's specific power needs. It then manages the distribution of power from the generator to those appliances — automatically. This load management ensures the generator won't overload so your family can continue with its daily routine uninterrupted.

Additionally, the Symphony® II Power Management transfer switch is wired into your home's existing wiring, where it monitors your home's electrical circuits, so you save even more on the cost of installation.

## How You Save with Symphony® II

Symphony® II Power Management lets you purchase a smaller, more affordable home generator system while maintaining the comfort of whole-house power. With Symphony® II Power Management, you'll benefit from:

- A reduced initial investment
- Lower fuel costs
- Lower installation costs

## What's a transfer switch?

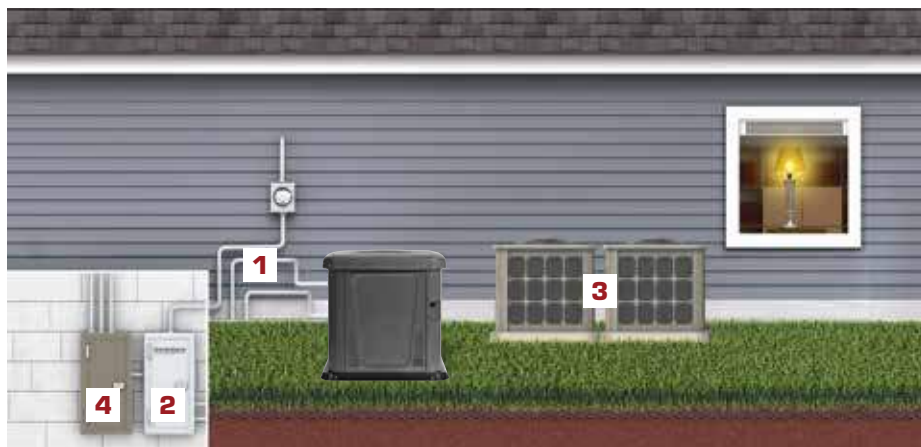


Usually installed outside next to your electric meter or inside right next to your circuit breaker box, a transfer switch senses when your utility power is out and automatically "switches" the home over to generator power. Also, the transfer switch houses the brains, or controller, of the Symphony® II Power Management System.

## What's a module?



The Symphony® II modules communicate with your generator via your home's existing wiring, saving you installations costs. Inside the module is a switch that merely turns an appliance on or off. The modules can be placed anywhere throughout the home for a customized installation. The Symphony® II Power Management System includes 1 or 2 modules (model dependent), which is sufficient for most homes. Additional modules can easily be added to manage more appliances.



## SYMPHONY® II POWER MANAGEMENT TECHNOLOGY

### How Does the Symphony® II Power Management System Work?

- 1 When a power outage occurs, the transfer switch senses it, automatically starts your generator and quickly switches your home to backup power to maintain essential power needs.
- 2 The advanced Symphony® II transfer switch and modules then go to work by measuring your generator's power output and automatically turning each high-wattage appliance on as power becomes available.
- 3 The Symphony® II system continues to manage the high wattage appliances, like air conditioners, to ensure that the generator is never overloaded.
- 4 When utility power is restored, the system automatically connects your home back to utility power, shuts the generator down and resumes monitoring your home's connection to local utility power.

### SYMPHONY® II TRANSFER SWITCH OPTIONS

Amps	100A, 150A, 200A or Dual 200A
Voltage	120/240V
Common Features	2 Poles, 60Hz Frequency, Nema 3R, UL 1008 Listed
Power Management	Whole House, Symphony® II Power Management System
Priorities	120/240V 8 priorities with unlimited "lockouts"
Modules	50A, Low Voltage for HVAC, or Dual Low Voltage
Monitoring	Conventional outlet plug-in monitor system status and availability of managed loads
Service Entrance Disconnect*	Yes

\*Review local codes to determine if a transfer switch with separate service entrance disconnect is required.

Briggs & Stratton Corp. reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.





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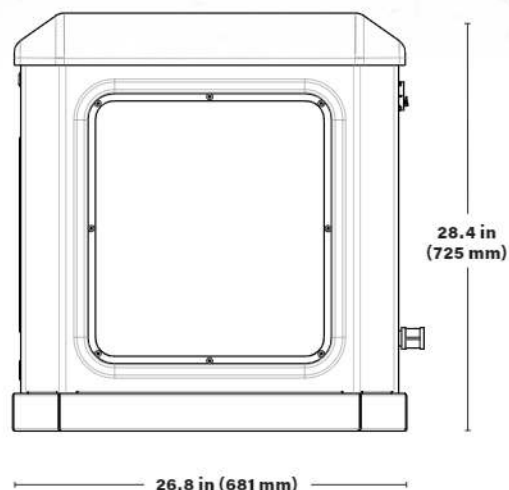
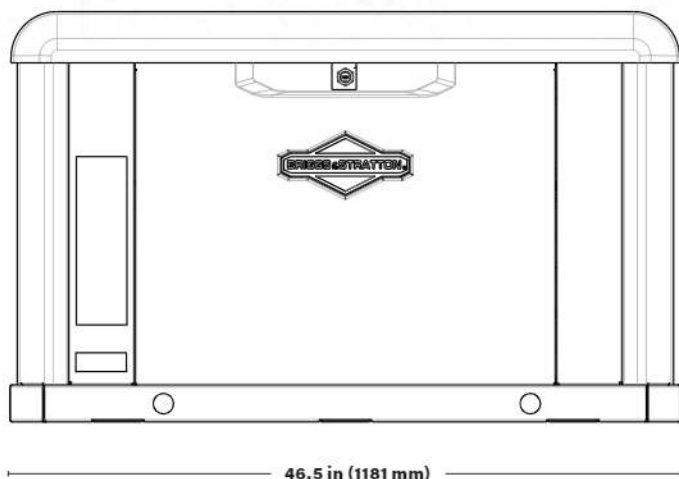
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#### Weights & Dimensions

Assembled Dimensions (Length x Width x Height) (in / mm)	46.5 x 26.8 x 28.4 / 1181 x 681 x 721
Assembled Weight (lbs / kg)	540 / 245
Packaged Dimensions (Length x Width x Height) (in / mm)	48.8 x 30.5 x 50.5 / 1240 x 775 x 1283
Packaged Weight (lbs / kg)	625 / 285
Outline and Pad Layout Drawing	80104089



<sup>1</sup> This generator is rated in accordance with UL (Underwriters Laboratories) 2200 (stationary engine generator assemblies) and CSA (Canadian Standards Association) standard C22.2 No. 100-14 (motor and generators).

<sup>2</sup> Per ISO 3744, Sound level measurement at other locations around generator may differ depending on installation, based on lowest microphone at 7m. Normal operation based on average household usage.

<sup>3</sup> Fuel consumption rates are estimated based on normal operating conditions. Generator operation may be greatly affected by elevation and the cycling operation of multiple electrical appliances — fuel flow rates may vary depending on these factors.

<sup>4</sup> See operator's manual or BRIGGSandSTRATTON.com for complete warranty details.

Briggs & Stratton has a policy of continuous product improvement and reserves the right to modify its specifications at any time and without prior notice.

This standby generator is not for Prime Power applications.

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