

# BUILT FOR CERTAIN

**POWERPROTECT+**



## RESIDENTIAL STANDBY GENERATOR SPECIFICATIONS

| OVERVIEW                                                                                                                          |                                        |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Brand                                                                                                                             | Briggs & Stratton                      |
| Series Name                                                                                                                       | PowerProtect™+                         |
| Model Name                                                                                                                        | PP26                                   |
| Power, Standby (LP/NG) (kW) <sup>1</sup>                                                                                          | 26 / 24                                |
| Rated AC Voltage (Volts) <sup>1</sup>                                                                                             | 120 / 240                              |
| Rated Frequency (Hz) <sup>1</sup>                                                                                                 | 60                                     |
| Generator Breaker (Amps)                                                                                                          | 125                                    |
| Operating Ambient Temperature (°C/ °F)<br>(no warmers installed)                                                                  | -1 to 40 / 30 to 104                   |
| Operating Ambient Temperature (°C/ °F)<br>(cold start battery, battery warmer, fuel regulator warmer<br>and oil warmer installed) | -28 to 40 / -20 to 104                 |
| Rated Amperage, Standby (LP/NG) (Amps) <sup>1</sup>                                                                               | 108.3 / 100                            |
| Rated Power Factor                                                                                                                | 1.0                                    |
| 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                                                                                                                     | SAE J1444 Class B Frequency Regulation |
| Bore & Stroke (in/mm)                                                                                                             | 3.37 x 3.41 / 85.5 x 86.5              |
| Cylinder Block                                                                                                                    | Aluminum w Cast Iron Sleeve            |
| Valve Arrangement                                                                                                                 | OHV                                    |

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| Engine                                                                                   |                                        |
|------------------------------------------------------------------------------------------|----------------------------------------|
| Engine Cylinder Configuration                                                            | V                                      |
| Number of Cylinders                                                                      | 2                                      |
| Start Type                                                                               | Automatic, Starter Motor               |
| Air Filter Type                                                                          | Dry                                    |
| Low Oil Pressure Switch                                                                  | Yes                                    |
| Engine Oil Heater                                                                        | Available as an Accessory              |
| Rated Temperature (°F/°C)                                                                | 77 / 25                                |
| Sound Rating                                                                             |                                        |
| Low Idle Mode Sound dB(A) <sup>2</sup>                                                   | 62                                     |
| Normal Operating Sound dB(A) <sup>2</sup>                                                | 67                                     |
| Lubrication System                                                                       |                                        |
| Type                                                                                     | Full Pressure                          |
| Oil Capacity (oz/L)                                                                      | 78 / 2.31                              |
| Oil Filter (Quantity/Type)                                                               | 1 / Cartridge                          |
| Recommended Oil                                                                          | 5W30 Full Synthetic                    |
| Electrical System                                                                        |                                        |
| Ignition System                                                                          | Variable Timing                        |
| Battery Quantity                                                                         | 1                                      |
| Battery Voltage (VDC)                                                                    | 12                                     |
| Battery CCA (Amps)                                                                       | 540                                    |
| Battery BCI Group 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<br>LPV: 87.1 / 2338     |
| Fuel Supply Pressure (mbar/in H <sub>2</sub> O)                                          | NG: 9-17 / 3.5-7<br>LPV: 28-34 / 11-14 |
| Fuel Consumption <sup>3</sup>                                                            |                                        |
| No Load, NG (BTU/hr)                                                                     | 122,000                                |
| No Load NG (ft <sup>3</sup> /hr)                                                         | 122                                    |
| Half Load, NG (BTU/hr)                                                                   | 206,000                                |

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| Fuel Consumption <sup>3</sup>                 |                                           |
|-----------------------------------------------|-------------------------------------------|
| 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                               | Synchronous, Self-Excited, Rotating Field |
| Alternator Manufacturer                       | B&S                                       |
| Rated Frequency (Hz) <sup>1</sup>             | 60                                        |
| Rated Phase <sup>1</sup>                      | 1                                         |
| Insulation Rating (Class)                     | H                                         |
| Designed Temperature Rise (°C)                | 135                                       |
| Bearing (Quantity/Type)                       | 1 / Sealed                                |
| Number of Poles                               | 2                                         |
| Voltage Regulator                             | Brushed / Electronic                      |
| Motor Starting Capability (kVA)               | 65.5                                      |
| Total Harmonic Distortion (THD), NL to FL (%) | < 5                                       |
| Controls / Instrumentation                    |                                           |
| Controller                                    | GC-1033                                   |
| Charger                                       | Stand Alone                               |
| Starting                                      | AMF or 2-wire                             |
| LCD Display with Fault Code Indications       | Yes                                       |
| Real Time Clock                               | Yes                                       |
| Engine Hour Counter                           | Yes                                       |
| Engine Runtime Scheduler                      | Yes                                       |

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| Controls / Instrumentation                                                                                    |                                                    |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Low Oil Pressure Shutdown                                                                                     | Yes                                                |
| High Temperature Shutdown                                                                                     | 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                                           |
| Enclosure Wind Speed Rating (mph)                                                                             | 186                                                |
| Accessories                                                                                                   |                                                    |
| Maintenance Kit                                                                                               | 6872                                               |
| Oil Warmer                                                                                                    | 6959                                               |
| Fuel Regulator Warmer                                                                                         | 6961                                               |
| Battery Warmer                                                                                                | 6960                                               |
| Limited Warranty <sup>4</sup>                                                                                 |                                                    |
| Warranty: Generator, USA & Canada<br>Emergency Stationary Use<br>(Parts / Labor / Travel) – Years             | 7                                                  |
| Warranty: Enclosure, Surface Rust and<br>Corrosion (Parts / Labor / Travel) – Years                           | 1                                                  |
| Warranty: Enclosure, Rust Through (Parts<br>/ Labor / Travel) – Years                                         | 3                                                  |
| Warranty: Generator, USA & Canada<br>Non-Emergency Stationary Use (Parts /<br>Labor / Travel) – Years / Hours | 7yr or 1000hr                                      |
| Certifications                                                                                                |                                                    |
| UL                                                                                                            | Yes                                                |
| cUL                                                                                                           | Yes                                                |
| FCC                                                                                                           | Yes                                                |
| Massachusetts Plumbers and Gasfitters                                                                         | Yes                                                |
| NFPA 37                                                                                                       | 18" Installation Clearance from House <sup>5</sup> |

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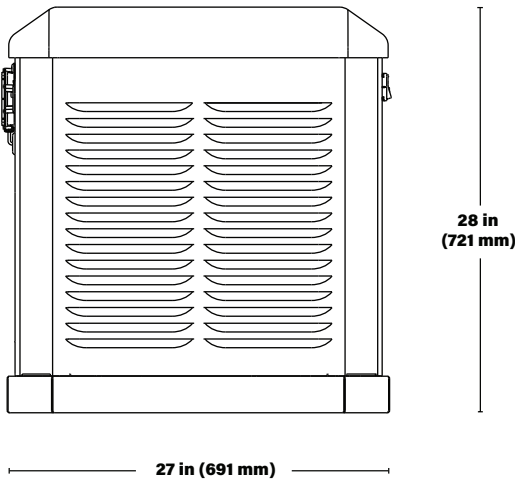
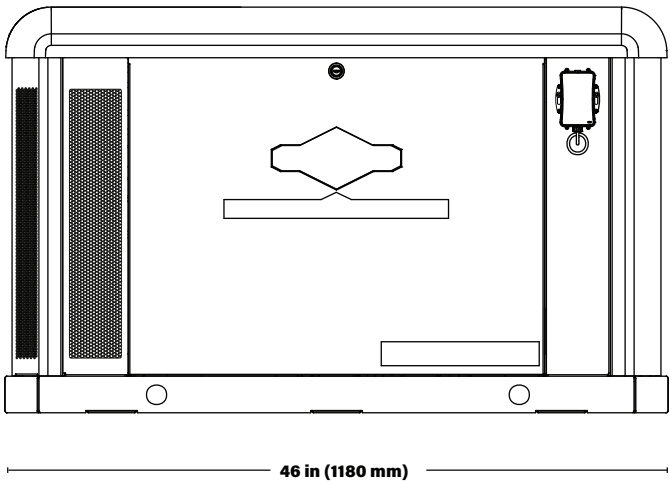
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**Weights & Dimensions**

|                                                                 |                                 |
|-----------------------------------------------------------------|---------------------------------|
| <b>Assembled Dimensions (Length x Width x Height) (in / mm)</b> | 46 x 27 x 28 / 1180 x 691 x 721 |
| <b>Assembled Weight (lbs / kg)</b>                              | 545 / 247                       |
| <b>Packaged Dimensions (Length x Width x Height) (in / mm)</b>  | 48 x 33 x 37 / 1222 x 838 x 945 |
| <b>Packaged Weight (lbs / kg)</b>                               | 605 / 275                       |
| <b>Outline and Pad Layout Drawing</b>                           | 80141033                        |



<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 [energy.briggsandstratton.com](http://energy.briggsandstratton.com) for complete warranty details.

<sup>5</sup> Listing and labeling to NFPA 37 per Southwest Research Institute.

<sup>6</sup> Of domestic and foreign components.

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.

Please visit [energy.briggsandstratton.com](http://energy.briggsandstratton.com) for the latest information.

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