

18kW &
22kW



BUILT FOR CERTAIN

POWERPROTECT+



EXCLUSIVE FRONT-FACING EXHAUST

Only Briggs & Stratton offers generators designed to direct exhaust AWAY from your home and landscaping. A safer design that gives you more flexibility to install where you want with minimal disruption to your home and landscaping.



Learn More

energy.briggsandstratton.com/powerprotect+

PowerProtect+ 18kW & 22kW Standby Generators

Reliable Backup Power Backed by the Best Warranty.

Enjoy ultimate peace of mind from power outages with PowerProtect+ 18kW¹ & 22kW¹ Standby Generators. Only from Briggs & Stratton, PowerProtect+ generators deliver best-in-class motor starting power to handle large appliances, like your AC, and are backed by the industry's longest and most comprehensive standard warranty—covering parts, labor and travel for a full 7-years.

With over a century of power expertise, Briggs & Stratton® Standby Generators are engineered and tested to meet the highest quality standards for reliable backup power when you need it most. Protect your home from outage-related damages while providing your family with **the comfort and security of certainty.**

**Fear no storm
with the power of
Briggs & Stratton.**



BRIGGS&STRATTON
ENERGY SOLUTIONS

POWERPROTECT+

Standby Generators



Best-in-Class Starting Power²

All models are designed to power essential items and start a 5-ton air conditioner with ease.



Integrated EnergyTrak™ Remote Monitoring

Convenient app to monitor generator status anytime from anywhere. Also lets your dealer remotely troubleshoot and diagnose any issues.



Exclusive Front-Facing Exhaust

A safer design that directs exhaust away from your home to enable more installation flexibility, minimize landscape disruption, and protect your home's exterior.



Enhanced Weather Protection

Redesigned enclosure featuring robust, angled louvers and improved protection from moisture, dust, and vibration – for maximum durability and longevity in harsh environments.



Vanguard® Commercial-Grade Engine

Designed for reliable, continuous performance— from the engine experts at Briggs & Stratton.



Eco-Cise™ Weekly Test Mode

Our short 16-second weekly test mode ensures your generator is in top operating condition while reducing noise and fuel consumption.



Best Warranty in the Industry³

Longest and most comprehensive standard warranty with no out of pocket costs. Parts, labor, and travel are all included for a full 7 years. That's up to a \$849 value!



3

7 YEARS, NO FEARS.

Backup Power Backed by the Best Warranty

The entire PowerProtect+ lineup comes with an industry-best 7-year comprehensive standard warranty. Unlike competitor warranties that reduce coverage over time, you get a full 7 years of coverage on parts, labor, and travel—because we stand behind the quality, reliability, and longevity of our generators.

Warranty Comparison	Mileage	Labor	Parts	Major Components
Briggs & Stratton - 7 years	7 years	7 years	7 years	7 years
Generac® - 5 years	2 years	2 years	3 years	5 years
Kohler® - 5 years	5 years	5 years	5 years	5 years

Expertise and Quality You Can Trust.

With 115+ years of experience providing power solutions, Briggs & Stratton is a brand homeowners trust. Our products are engineered and assembled in the USA and our customers can rely on us for exceptional performance and durability. Our commitment to delivering the most powerful and reliable home standby generators in the industry ensures that you have the peace of mind you deserve when it comes to safeguarding your home's power supply. Because when it's built by Briggs & Stratton, you know it's **Built for Certain.**



¹ 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).

² In its named class.

³ See operator's manual or energy.briggsandstratton.com for complete warranty details.

⁴ Of domestic and foreign components.

Generac is a registered trademark of Generac Power Systems, Inc.

Kohler is a registered trademark of Kohler Co.

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CERTAIN**

POWERPROTECT+



RESIDENTIAL STANDBY GENERATOR SPECIFICATIONS

OVERVIEW	
Brand	Briggs & Stratton
Series Name	PowerProtect _™ +
Model Name	PP18
Power, Standby (LP/NG) (kW)¹	18 / 18
Rated AC Voltage (Volts)¹	120 / 240
Rated Frequency (Hz)¹	60
Generator Breaker (Amps)	80
Operating Ambient Temperature (°C/ °F) <small>(no warmers installed)</small>	-1 to 40 / 30 to 104
Operating Ambient Temperature (°C/ °F) <small>(cold start battery, battery warmer, fuel regulator warmer and oil warmer installed)</small>	-28 to 40 / -20 to 104
Rated Amperage, Standby (LP/NG) (Amps)¹	75.0 / 75.0
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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RESIDENTIAL STANDBY GENERATOR SPECIFICATIONS



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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) ²	62
Normal Operating Sound dB(A) ²	66
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 ³ / BTU/ft ³)	NG: 34.3 / 904 LPV: 87.1 / 2338
Fuel Supply Pressure (mbar/in H ₂ O)	NG: 9-17 / 3.5-7 LPV: 28-34 / 11-14
Fuel Consumption ³	
No Load, NG (BTU/hr)	99,000
No Load NG (ft ³ /hr)	99
Half Load, NG (BTU/hr)	176,000

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RESIDENTIAL STANDBY GENERATOR SPECIFICATIONS



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ENERGY SOLUTIONS

Fuel Consumption³	
Half Load, NG (ft ³ /hr)	176
Full Load, NG (BTU/hr)	252,000
Full Load, NG (ft ³ /hr)	252
No Load, LP (BTU/hr)	100,000
No Load, LP (ft ³ /hr)	40
No Load, LP (gal/hr)	1.1
Half Load, LP (BTU/hr)	193,000
Half Load, LP (ft ³ /hr)	77
Half Load, LP (gal/hr)	2.2
Full Load, LP (BTU/hr)	310,000
Full Load, LP (ft ³ /hr)	124
Full Load, LP (gal/hr)	3.5
Alternator Specifications	
Alternator Type	Synchronous, Self-Excited, Rotating Field
Alternator Manufacturer	B&S
Rated Frequency (Hz) ¹	60
Rated Phase ¹	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)	45
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 ⁴	
Warranty: Generator, USA & Canada Emergency Stationary Use (Parts / Labor / Travel) – Years	7
Warranty: Enclosure, Surface Rust and Corrosion (Parts / Labor / Travel) – Years	1
Warranty: Enclosure, Rust Through (Parts / Labor / Travel) – Years	3
Warranty: Generator, USA & Canada Non-Emergency Stationary Use (Parts / 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 ⁵

PP18

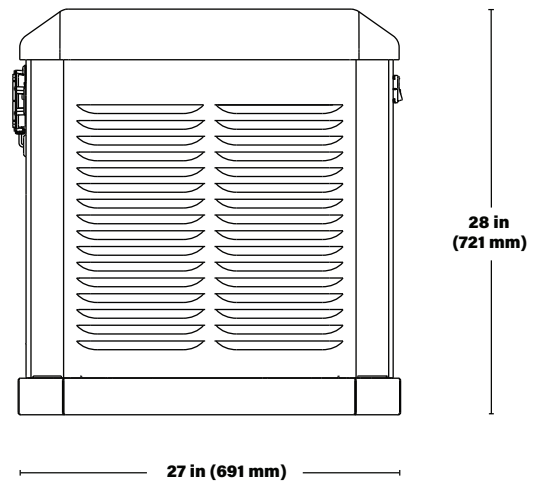
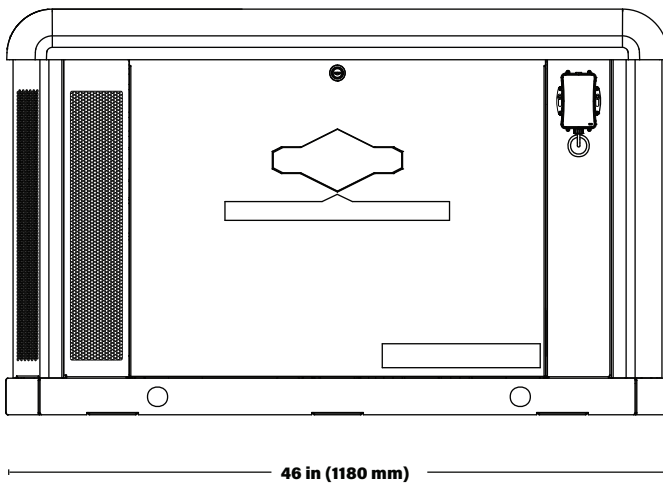
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Weights & Dimensions	
Assembled Dimensions (Length x Width x Height) (in / mm)	46 x 27 x 28 / 1180 x 691 x 721
Assembled Weight (lbs / kg)	490 / 225
Packaged Dimensions (Length x Width x Height) (in / mm)	48 x 33 x 37 / 1222 x 838 x 945
Packaged Weight (lbs / kg)	550 / 250
Outline and Pad Layout Drawing	80141033



¹ 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).

² 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.

³ 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.

⁴ See operator's manual or energy.briggsandstratton.com for complete warranty details.

⁵ Listing and labeling to NFPA 37 per Southwest Research Institute.

⁶ 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 for the latest information.

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