

60kW¹ Standby Generator



Briggs & Stratton® The Smart Choice

Durable back-up power for businesses and luxury homes. Guard against losses due to power outages with a Briggs & Stratton Standby Generator.



Parts • Labor • Travel
Limited Warranty³



Corrosion Resistant Aluminum Enclosure

- Durable enclosures are built to last, protecting against extreme weather conditions and corrosion

Easy to Service

- Convenient internal swing open doors allow easy access to the engine; no more taking apart the bolted finger guards, saving you precious time and the hassle of disassembly

Quality Clean Power

- Ensures that electronics are safely powered

Block Heater

- Ships with pre-installed block heater ensuring smooth start-ups any time an outage occurs when the temperatures dip below freezing

Durable Industrial Engine

- Found in industrial applications, the premium industrial 1,800 RPM engine provides strong, reliable power without giving up quiet operation or durability

NFPA-110

- May be used in NFPA-110, Level 2, applications with appropriate accessories⁴

Generator Set Rating

Model	Voltage	Power Factor	Phase ²	Hz	Circuit Breaker Amps	Liquid Propane Vapor		Natural Gas		Controller	Limited Warranty ³
						kW ¹ / kVA	Amps	kW ¹ / kVA	Amps		
076160	120 / 240	1.0	1	60	300	60 / 60	250	55 / 55	229	Briggs & Stratton®	5 Year
076360	120 / 240	1.0	1	60	300	60 / 60	250	55 / 55	229	IntelliLite	5 Year
076161	120 / 208	0.8	3	60	225	62 / 77	215	55 / 69	191	IntelliNano	5 Year
076163	120 / 240	0.8	3	60	200	62 / 77	186	55 / 69	165	IntelliNano	5 Year
076165	277 / 480	0.8	3	60	100	62 / 77	93	55 / 69	83	IntelliNano	5 Year
076361	120 / 208	0.8	3	60	225	62 / 77	215	55 / 69	191	IntelliLite	5 Year
076363	120 / 240	0.8	3	60	200	62 / 77	186	55 / 69	165	IntelliLite	5 Year
076005	277 / 480	0.8	3	60	100	62 / 77	93	55 / 69	83	IntelliLite	5 Year

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 (motors and generators).

² Single phase units are rated at 1.0 power factor and three phase units are rated 0.8 power factor.

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

⁴ This unit must be installed, by licensed contractor, in accordance with requirements of NFPA-110 codes and standards as defined in NEC Article 701, in addition to local AHJ requirements. This generator set is not authorized by Briggs & Stratton for use in NFPA-110, Level 1 applications.



Engine Specifications

Engine	
Manufacturer	PSI
Type	5.7L Industrial Powertrain 4 Cycle, Naturally Aspirated
Speed (RPM)	1800
Cylinder Arrangement	V8
Displacement (L)	5.7
Bore & Stroke (in / mm)	4 x 3.48 / 101.6 x 88.4
Compression Ratio	9.1:1
Governor Type	Electronic
Frequency Regulation Steady State	+/- 0.5%
Frequency Regulation No-load to Full-load	Isochronous
Air Filter Type	Dry
Limited Warranty ³	3 Years Parts, Labor and Travel
Lubrication System	
Type	Full Pressure
Oil Capacity (qt / L)	5.0 / 4.7
Oil Filter (Quantity / Type)	1 / Spin-On
Cooling System	
Heat Rejected to Cooling Water at Rated Load (BTU/min / kcal/sec)	3120 / 13.1
Water Pump Type	Centrifugal
Sound Rating at 7 Meters, Lowest Side	
No Load	68 dB(A) ²
Air Induction System	
Combustion Air (cfm / m ³ /min)	173 / 4.9

Electrical System			
Ignition System			HVS Distributor
Battery Quantity			1
Battery Voltage (VDC)			12
Battery CCA (A)			775
Battery Charging Alternator			
Ground (Negative/Positive)			Negative
Voltage (VDC)			12
Amperage (A)			70
Starter Motor Voltage (VDC)			12
Exhaust System			
Exhaust Manifold Type			Dry
Exhaust Flow at Rated Load (cfm / m³/min)			553 / 15.8
Exhaust Temperature at Rated Load (°F / °C)			1350 / 732
Maximum Allowable Back Pressure (in Hg / kPa)			3 / 10.2
Fuel System			
Fuel Type			LPV or NG
Fuel Supply Line Inlet			1 NPT
Recommended Fuel, Lower Heating Value Minimum (BTU/ft³ / MJ/m³)			NG - 904 / 34.3 LPV - 2338 / 87.1
Fuel Supply Pressure (in H₂O / mbar)			7-11 / 17-28
Fuel Consumption ⁴			
	Full Load	1/2 Load	No Load
BTU/hr	NG - 681,500 LP - 800,300	NG - 512,040 LP - 581,550	NG - 240,840 LP - 247,050
ft³/hr	NG - 682 LP - 320	NG - 512 LP - 233	NG - 241 LP - 99
m³/hr	NG - 19.3 LP - 9.1	NG - 14.5 LP - 6.6	NG - 6.8 LP - 2.8
Engine Output Deratings			
Rated Temperature (°F / °C)		77 / 25	

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 (motors and generators).

² Lowest measurement of 12 microphones around generator. Sound level measurement at other locations around generator may be different depending upon installation configuration.

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

⁴ Fuel consumption rates are estimated based on normal operating conditions at ½ load. 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.



Additional Standard Features

Weight & Dimensions

Assembled Weight (lbs / kg)	2020 / 916
Overall Dimensions (in / mm)	98 x 39.4 x 43 / 2489 x 1001 x 1092
Packaged Weight (lbs / kg)	2419 / 1097
Packaged Dimensions (in / mm)	103.9 x 48 x 50.4 / 2639 x 1219 x 1280

Standard Controllers



Briggs & Stratton® AMF Controller for Single-Phase

- User-friendly control panel for troubleshooting
- Conveniently monitors diagnostic conditions, displays system fault codes and sets weekly exercise cycle
- Easy-to-read alpha-numeric scrolling display
- Single-Phase generator application only
- UL recognized



InteliNano (NT) Controller for 3-Phase

- 3-Phase generator application only
- Large graphical display
- 3-Phase voltage sensing
- "Zero" power consumption mode
- Easy installation and user-friendly operation
- 10 event history log
- USB communication interface
- Six binary inputs, three analog inputs
- Two low-current and two high-current binary outputs
- UL recognized

Optional Controller



InteliLite (NT) Controller

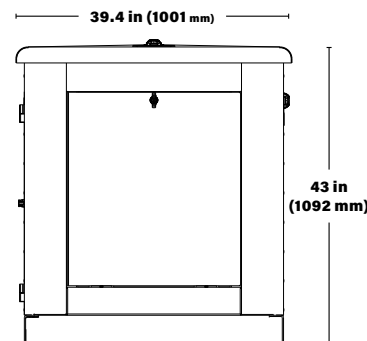
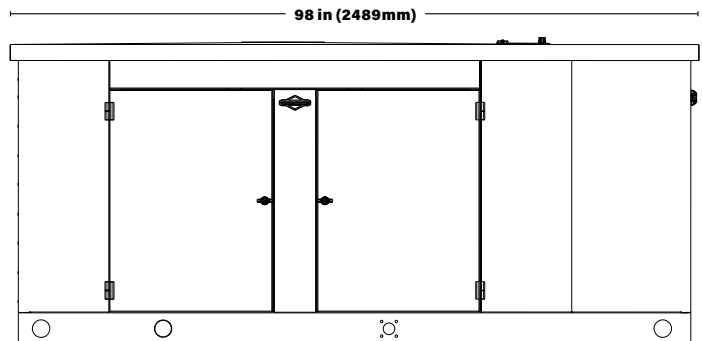
- 3-Phase and Single-Phase generator applications
- 3-Phase voltage sensing
- Current sensing
- Seven binary inputs, three analog inputs
- Seven binary outputs
- Additional input/output accessories available
- Various communication modules available
- Remote control and monitoring capabilities
- UL recognized

Available Accessories

6343	Battery Warmer
6517	InfoHub™
6144	Remote LED Kit
6471	Retrofit Module
6491	Local Emergency Stop Switch

Other Features

- Battery rack and cables
- Electronic, isochronous governor
- Gas fuel system (includes fuel mixer, electronic secondary gas regulator, gas solenoid valve, and flexible fuel line between the engine and the skid-mounted fuel system components)
- Integral vibration isolation
- Oil drain extension
- Operation and installation literature²



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 The installation manual contains specific instructions related to generator placement in addition to NFPA 37, including the requirement that carbon monoxide detectors be installed and maintained in your home.



Alternator Specifications

	1 Phase	1 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Model	076160	076360	076161	076163	076165	076361	076363	076365
Alternator Model	60BSPP-0	60BSPP-0	60TBSPP-2	60TBSPP-2	60TBSPP-2	60TBSPP-2	60TBSPP-2	60TBSPP-2
Manufacturer	Coliseum	Coliseum	Coliseum	Coliseum	Coliseum	Coliseum	Coliseum	Coliseum
Type	Brushless, 4-Lead	Brushless, 4-Lead	Brushless, 12-Lead	Brushless, 12-Lead	Brushless, 12-Lead	Brushless, 12-Lead	Brushless, 12-Lead	Brushless, 12-Lead
Frequency (Hz)	60	60	60	60	60	60	60	60
Phase	1	1	3	3	3	3	3	3
Alternator Configuration	-	-	Wye	Delta	Wye	Wye	Delta	Wye
Exciter Type	Self-Excited	Self-Excited	Self-Excited	Self-Excited	Self-Excited	Self-Excited	Self-Excited	Self-Excited
Number of Poles	4	4	4	4	4	4	4	4
Voltage Regulator	Analog, 1-Phase Sensing	Analog, 1-Phase Sensing	Analog, 1-Phase Sensing	Analog, 1-Phase Sensing	Analog, 1-Phase Sensing	Analog, 1-Phase Sensing	Analog, 1-Phase Sensing	Analog, 1-Phase Sensing
Insulation Rating	Class H	Class H	Class H	Class H	Class H	Class H	Class H	Class H
Designed Temperature Rise Limit	125°C	125°C	125°C	125°C	125°C	125°C	125°C	125°C
Bearing (Quantity / Type)	1 / Sealed	1 / Sealed	1 / Sealed	1 / Sealed	1 / Sealed	1 / Sealed	1 / Sealed	1 / Sealed
Coupling	Flexible Disk	Flexible Disk	Flexible Disk	Flexible Disk	Flexible Disk	Flexible Disk	Flexible Disk	Flexible Disk
Amortisseur Windings	Full	Full	Full	Full	Full	Full	Full	Full
Voltage Regulation, NL to FL	+/- 1.0%	+/- 1.0%	+/- 1.0%	+/- 1.0%	+/- 1.0%	+/- 1.0%	+/- 1.0%	+/- 1.0%
One Step Load Acceptance	100% of Rating	100% of Rating	100% of Rating	100% of Rating	100% of Rating	100% of Rating	100% of Rating	100% of Rating
Total Harmonic Distortion (THD), NL to FL	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

- Windings are insulated using the latest vacuum pressure impregnation technologies
- Superior voltage waveform from a two-thirds pitch stator and skewed main stator

- Manufactured according to the following standards: UL1004, NEMA MG1, IEC 60034-1

Support every step of the way

Need help? Visit BRIGGSandSTRATTON.com

Complete the web form and a local dealer will contact you to answer questions on our generators, transfer switches and accessories.

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).

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 is Not for Prime Power applications.

BS1163 - 8/18

BRIGGS & STRATTON CORPORATION
POST OFFICE BOX 702
MILWAUKEE, WI 53201 USA

Copyright ©2018. All rights reserved.



YOU.POWERED.