



# 35kW<sup>1</sup> STANDBY GENERATOR



## BRIGGS & STRATTON® THE SMART CHOICE

Durable backup power for businesses and luxury homes. Help eliminate losses from power outages with a Briggs & Stratton® Commercial Standby Generator.



### 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 you to easily access the engine; no more taking apart the bolted finger guards, saving you precious time and the hassle of disassembly

### Quality Clean Power

- Ensures your electronics are safely powered

### 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

### Custom Built Options

- A complete line of standby generators for commercial applications with multiple voltage configurations and controller options

### NFPA 110 Capable

- Suitable for NFPA 110 applications when installed with required NFPA 110 accessories and installation methods



## GENERATOR SET RATINGS

MODEL	VOLTAGE	POWER FACTOR	PHASE	HZ	BREAKER	LIQUID PROPANE		NATURAL GAS		CONTROLLER
						LP KW <sup>1</sup>	LP AMPS	NG KW <sup>1</sup>	NG AMPS	
Briggs & Stratton 076330	120/240	1	1	60	175	35	146	32	133	Briggs & Stratton
Briggs & Stratton 076131	120/208	0.8	3	60	150	35	121	32	111	InteliNano
Briggs & Stratton 076133	120/240	0.8	3	60	125	35	105	32	96	InteliNano
Briggs & Stratton 076135	277/480	0.8	3	60	60	35	53	32	48	InteliNano
Briggs & Stratton 076331	120/208	0.8	3	60	150	35	121	32	111	InteliLite
Briggs & Stratton 076333	120/240	0.8	3	60	125	35	105	32	96	InteliLite
Briggs & Stratton 076335	277/480	0.8	3	60	60	35	53	32	48	InteliLite

<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 (motors and generators).

<sup>2</sup> Warranty details available at [www.briggsandstratton.com](http://www.briggsandstratton.com)



## ENGINE SPECIFICATIONS

ENGINE	
Engine Model	4.3L Industrial Powertrain
Engine Type	6 Cylinder, 4-Cycle
Engine Speed (RPM)	1800
Engine Fuel	Liquid Propane Vapor (LPV) or Natural Gas (NG)
Induction System	Naturally Aspirated
Air Filter Type	Dry
Displacement (ltr / cc)	4.3 / 4294
Freq Reg NL to FL	Isochronous
Block Heater	Included
Governor Type	Electronic
Frequency Regulation	+ / -.5%
Starter Motor Rated Voltage	12 Volt
Battery (volts dc / cca)	12 Volt / 775
ENGINE OUTPUT DERATINGS - STANDBY	
Rated Temp	104°F / 40°C
Rated Altitude	Sea Level
Max Altitude	15,000 ft
Temperature Derate	1% for each 10°F (5.6°C) above rated temp
Altitude Derate	3% / 1000 ft

LUBRICATION	
Oil Capacity (qts / ltrs)	4.5 / 4.3
Oil Capacity with Filter (qts / ltr)	5.0 / 4.7
Oil Filter (quantity / type)	1 / Spin-on
Lubrication System	Full Pressure
Recommended Oil	API GF-4 10W30

ALTERNATOR SPECS	
Type	4-Pole, Rotating Field
Voltage Regulator	Solid State, Volts / Hz
Insulation (rating)	Class H
Designed Temperature Rise Limit	125°C
Bearing (quantity / type)	1 / Sealed
Voltage Reg NL to FL	+ / -1.0%
Frequency Compensation	8V / Hz Voltage Drop Below 55 Hz

ENGINE FUEL SYSTEM SPECIFICATIONS	
Recommended Fuel	
LP min LHV (btu / ft <sup>3</sup> )	2260
NG min LHV (btu / ft <sup>3</sup> )	890
Fuel Supply Pressure (in-H <sub>2</sub> O)	7-11 (at full load)
Fuel Supply Line at Engine (npt)	1"

## OPERATIONS

FUEL CONSUMPTION <sup>3</sup>				
	50% Load		100% Load	
Liquid Propane	102 ft <sup>3</sup> / hr	2.8 gal / hr	160 ft <sup>3</sup> / hr	4.4 gal / hr
Natural Gas	253 ft <sup>3</sup> / hr	253,000 btu / hr	394 ft <sup>3</sup> / hr	394,000 btu / hr

SOUND RATING  
AT 7 METERS PER ISO 3744

67 dBA

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

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<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.



## ADDITIONAL INFORMATION

## OTHER FEATURES

**Enclosure Material** Corrosion-Resistant Aluminum

## WEIGHT AND DIMENSIONS

**Assembled Weight (lbs / kg)** 1540 / 700

**Overall Dimensions (in)** 91 x 39.4 x 41

**Packaged Weight (lbs)** 1940 / 880

**Packaged Dimensions (in)** 104 x 51 x 48

## BATTERY CHARGERS FOR INTELINANO/INTELILITE

**Standard** 6279

**NFPA 110** 6339

## CERTIFICATION

**CARB Compliant** Yes

**UL Listed to 2200** Yes

**cUL Listed to CSA 22.2 NO 100-04** Yes

**NEMA Compliant** Yes

**EPA Certified Fuel System** Yes

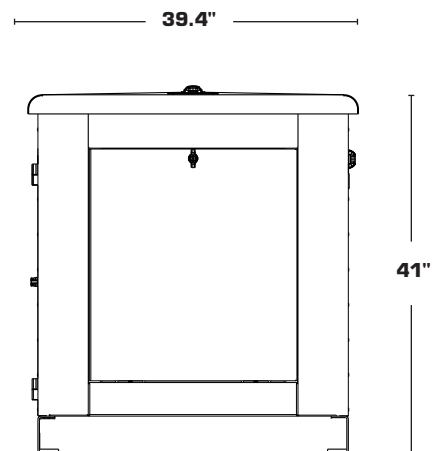
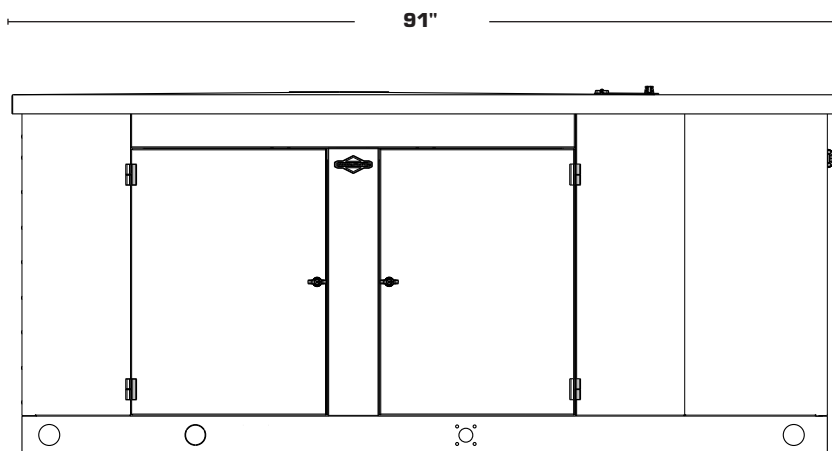
## AVAILABLE ACCESSORIES

**Battery Warmer** 6343

**Basic Wireless Monitor** 6229

**InfoHub** 6260

**Remote Status Monitor** 6144



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## STANDARD CONTROLLERS

**Briggs & Stratton® Standard 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

**IntelliNano (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 CONTROLLERS

**IntelliLite (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

**IntelliLite Accessories (sold separately)**

- Remote Annunciator, NFPA 110 Compliant (6334)
- Remote Display (6353)
- IL-NT GPRS (6354)
- IB-LITE (6355)
- IL-NT RS232-485 (6356)
- IL-NT S-USB (6357)

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**FUEL PIPE SIZE RECOMMENDATION CHART (CAPACITY IN THOUSANDS OF BTU/HOUR)****Natural Gas / Inlet Pressure less than 2 PSI / Pressure Drop 1/2" Water Column / Specific Gravity 0.60**

	1/2" pipe capacity	3/4" pipe capacity	1" pipe capacity	1-1/4" pipe capacity	1-1/2" pipe capacity	2" pipe capacity
<b>20' Length*</b>	118	247	466	957	1,430	2,760
<b>40' Length*</b>	81	170	320	657	985	1,900
<b>60' Length*</b>	65	137	257	528	791	1,520
<b>80' Length*</b>	56	117	220	452	677	1,300
<b>100' Length*</b>	50	104	195	400	600	1,160

**Liquid Propane / Inlet Pressure 11" Water Column / Pressure Drop 1/2" Water Column / Specific Gravity 1.50**

	1/2" pipe capacity	3/4" pipe capacity	1" pipe capacity	1-1/4" pipe capacity	1-1/2" pipe capacity	2" pipe capacity
<b>20' Length*</b>	200	418	788	1,617	2,423	4,666
<b>40' Length*</b>	137	287	541	1,111	1,665	3,207
<b>60' Length*</b>	110	231	435	892	1,337	2,575
<b>80' Length*</b>	101	212	400	821	1,230	2,370
<b>100' Length*</b>	101	212	400	821	1,230	2,370

\*Total length of piping from outlet of regulator to appliance furthest away.

## SUPPORT EVERY STEP OF THE WAY

### NEED HELP? Just call 800-759-2744

Our technical support team is trained to answer questions on our generators, transfer switches and accessories.

## CALL TODAY FOR A FREE IN-HOME ESTIMATE! 800-743-4115

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**Disclaimer:** Not for Prime Power or use where standby systems are legally required, for serious life safety or health hazards, or where lack of power hampers rescue of fire-fighting operations.

**BRIGGS & STRATTON**

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