

35kW¹ Fortress™ Standby Generator



FORTRESS™ The Smart Choice

Introducing our dealer exclusive line. Available at your local Briggs & Stratton Dealer with these great features:



Parts • Labor • Travel
Limited
Warranty

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

Block Heater

- Ships with a 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



Generator Set Rating

Model	Voltage	Power Factor	Phase ²	Hz	Breaker	Liquid Propane Vapor 125°C Standby Rating		Natural Gas 125°C Standby Rating		Controller	Limited Warranty ³
						kW ¹ / kVA	Amps	kW ¹ / kVA	Amps		Parts, Labor, Travel
076830	120/240	1.0	1	60	175	35 / 35	146	32 / 32	133	Briggs & Stratton	6 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 (motor and generators).

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

³ Warranty details available at www.briggsandstratton.com



Engine Specifications

Engine		Lubrication	
Engine Model	4.3L Industrial Powertrain	Oil Capacity (qt / L)	4.5 / 4.3
Engine Type	6 Cylinder, 4-Cycle	Oil Capacity with Filter (qt / L)	5.0 / 4.7
Engine Speed (RPM)	1800	Oil Filter (Quantity / Type)	1 / Spin-on
Engine Fuel	Liquid Propane Vapor (LPV) or Natural Gas (NG)	Lubrication System	Full Pressure
Induction System	Naturally Aspirated	Recommended Oil	API GF-4 10W30
Air Filter Type	Dry	Alternator Specs	
Displacement (cc / L)	4294 / 4.3	Type	4-Pole, Rotating Field
Compression Ratio	9.8:1	Voltage Regulator	Solid State, Volts / Hz
Freq Reg NL to FL	Isochronous	Insulation (Rating)	Class H
Block Heater	Included	Designed Temperature Rise Limit	257°F / 125°C
Governor Type	Electronic	Bearing (Quantity / Type)	1 / Sealed
Frequency Regulation	+ / - 0.5%	Voltage Reg NL to FL	+ / - 1.0%
Starter Motor Rated Voltage	12 Volt	Frequency Compensation	8V / Hz Voltage Drop Below 55 Hz
Warranty	3 Years	Fuel System	
Battery (VDC / CCA)	12 Volt / 775	Recommended Fuel LP min LHV (BTU/ft³) NG min LHV (BTU/ft³)	2238 904
Engine Output Deratings		Fuel Supply Pressure (in H ₂ O)	7-11
Rated Temperature	77°F / 25°C	Fuel Supply Line at Engine (NPT)	1 in
Temperature Derate	1.5% for Every 10°F (5.6°C) Above Rated Temperature		
Rated Altitude	1200 ft (366 m) Above Sea Level		
Altitude Derate	2.5% for Every 1000 ft (305 m) Above Rated Altitude		

Operations

Fuel Consumption ²				Sound Rating at 7 Meters
	50% Load		100% Load	67 dBA
Liquid Propane Vapor	102 ft³ / hr	2.8 gal / hr	160 ft³ / hr	4.4 gal / hr
Natural Gas	253 ft³ / hr	253,000 BTU / hr	394 ft³ / hr	394,000 BTU / hr

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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² 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 / mm) 91 x 39.4 x 41 / 2311 x 1001 x 1041

Packaged Weight (lbs / kg) 1940 / 880

Packaged Dimensions (in / mm) 104 x 51 x 48 / 2642 x 1295 x 1219

Certification

CARB Compliant² Conditions Apply

UL Listed to 2200 Yes

cUL Listed to CSA 22.2 NO 100-14 Yes

NEMA Compliant Yes

EPA Certified Fuel System² Yes

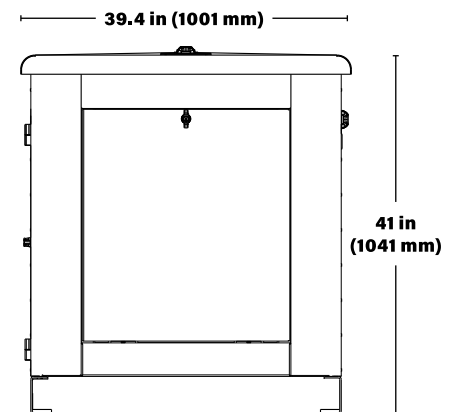
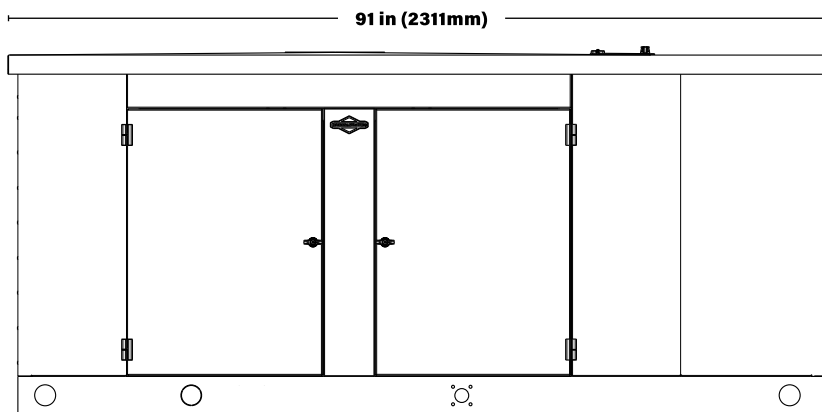
Available Accessories

Battery Warmer 6343

Basic Wireless Monitor 6264

InfoHub 6260

Remote Status Monitor 6144



Standard Controller



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

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² It is the responsibility of the owner / operator / installer to research and understand local code requirements where this unit will be installed and operated. This unit may require additional testing once it is installed. Contact local authorities to understand specific requirements.