

MODEL SERIES

PM401211*Gaseous Fueled Stationary Standby***11.5kW*****60Hz**
PowerStation™
 EMERGENCY BACKUP POWER SYSTEM

Residential/Light Commercial Standby Generator

Model PM401211		Propane Standby Rating**			Full Load Current	Motor Starting	Alternator Insulation	MLCB Rating
Voltage	Phase	Hertz	kW	kVA	Amps	SkVA ⁽¹⁾	Class	Amps
120/240	1	60	11	11	91.6/45.8	17	H	50

* Rated for maximum intermittent standby on LPG gas.

** Nameplate rating for continuous standby operation for the duration of the outage.

Derate 15% when using natural gas. Derate 4% per 1000 feet above 500 feet and 1% per 10°F temperature increase above 77°F.

⁽¹⁾ Rated @ 30% Voltage Dip**Standard Features****HONDA GX670 Industrial Engine**

- Ultra Quiet & Dependable V-Twin Engine
- Specially Designed For Use On LPG/Natural Gas
- CARB & EPA Certified

2-Pole Alternator

- 2/3 Pitch Winding For Reduced Harmonics (<5%)
- Low Waveform Distortion (<7%)
- Simple & Reliable Self Voltage Regulated Design (± 5%)
- Computer Safe Alternator

Sound Attenuated Weather Enclosure

- 16 Gauge Steel Enclosure With Sound Material Installed
- Composite Mounting Pad Included For Faster Installation
- Powder Painted Almond Color Finish
- Lockable Hinged Top Lid For Ease Of Service
- Critical Grade Muffler Integral To Enclosure

Fuel System

- Operates On Liquefied Petroleum Gas Or Natural Gas
- Simple Field Conversion Between Fuels
- Dual 12v D.C. Positive Lock-off Valves For Added Safety

Cooling System

- Low Maintenance Air/Oil Cooling
- Rated For Operation In Temperatures Up To 104° F
- Factory Equipped With Oil Cooler For Added Protection
- High Temperature Shutdown Protection

Main Line Circuit Breaker

- UL 489 Listed Circuit Breaker Rated 10kA AC @ 240v
- Molded Case Design

Digital Remote Start/Stop Controller

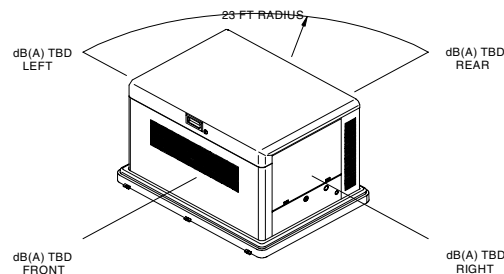
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|-----------------------------------|---------------------------------------|----------------------------|
| • Automatic Remote Start (2-wire) | • Engine Over -Temperature Protection | • Overspeed Protection |
| • Overcrank Protection | • Battery Condition Monitoring | • Underspeed Protection |
| • On-Off-Auto Selector Switch | • Engine Oil Pressure Protection | • Engine Run Time Metering |

3-Year/1500 Hour Warranty

- Best Standard Warranty In Its' Class

Available Accessories:

Engine Block Heater Kit (P/N165-0259)
 Transfer Switches

**Listed To The UL2200 Standard****Sound Data****Less than 69 dB(A) Average @ 23' (7m) @ Full Load**

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Engine Data*General*

Manufacturer	Honda
Model	GX-670
Type	4-Cycle, 90° V, Overhead Valve
Horsepower	24 Maximum (LPG) @ 3600rpm
Cylinder Block Material	Aluminum
Cylinders	2
Aspiration	Natural
Air Cleaner	Replaceable Dry Element
Displacement	671 cc
Compression Ratio	8.3:1
Bore	77 mm
Stroke	72 mm
RPM	3600
Engine Governing	± 5% - Mechanical

Fuel System

Fuel System	Honda Fuel Mixer, Secondary Regulator, 12vdc Positive Locking Shut-off Solenoid
Fuel Type	Liquefied Petroleum Gas(Vapor) Or Natural Gas
Injection Method	Carburetor Induction

Lubrication System

Lube Oil System	Centrifugal Pump, Spin-on-Full Flow Filter
Lube Oil Capacity	1.5 Quarts W/Filter
Engine Heater (Accessory)	120V, 100 Watt Thermostatically Controlled

Electrical

Starting Voltage	12v negative ground
Battery Size Required	BCI Group 26, (Battery Rack & 4 Gauge Cables Included)
Cranking Current	450cca @ 0°F
Battery Charging Alternator	10 amps, Regulated
Battery Charger (120v AC)	Bulk - 6A, 12vdc Absorption - 5.5A, Taper To 1.5A Between 13-14.4vdc
	Float - 0.1 To 0.3A, 13.3vdc K 0.3vdc

Fuel System

Fuel Type	Liquefied Petroleum Gas Vapor or Natural Gas
Fuel Supply Inlet	1/2" NPT
Fuel Supply Pressure	7-11 (In/H ₂ O) / 4-6 (Oz/In ²)

Fuel Consumption

Fuel Consumption @ % Load	LP Vapor (Cubic Feet/Hour)	LP Vapor (Gallons/Hour)	Natural Gas (Cubic Feet/Hour)
25%	40	1.1	75
50%	53	1.4	103
75%	66	1.8	135
100%	81	2.2	186

Engine Generator Application/Installation Data

Engine Cooling Airflow	777 CFM
Alternator Airflow	200 CFM
Total Airflow	977 CFM
Maximum Exhaust Flow	102 CFM
Maximum Exhaust Backpressure	1.5 PSI
Exhaust Temperature	1007 °F

Weight: 478lbs.**Dimensions:**