



The MX PrimeGen stationary generator is a robust, reliable, high efficiency, low emission 6.0 kVA internal combustion engine (ICE) generator designed for continuous duty , cycling, or intermittent operation at unmanned or off-grid sites.

#### KEY FEATURES:

- ✓ Remote On/Off, Start/Stop, ESD
- ✓ Remote Monitoring
- ✓ Continuous Run
- ✓ 1-Phase or 3-Phase Output
- ✓ 9,000 hours maintenance intervals
- ✓ Auto-Standby (Keep Alive) Mode
- ✓ Certified for Outdoor Use
- ✓ ANSI/CAN/UL/ULC 2200 Safety Certified
- ✓ EPA Certified for Emissions

#### OPTIONAL FEATURES:

- ✓ Battery Backup
- ✓ Combined Heat and Power (CHP) Heat Recovery
- ✓ Building Heater
- ✓ Glycol Heat Trace (GHT)
- ✓ Gas Pressure Reduction System (GPRS)
- ✓ Instrument Air
- ✓ Solar Hybrid
- ✓ 24 or 48 VDC Output



## SPECIFICATIONS

### POWER SPECIFICATIONS

#### RATING

0 kVA – 6.0 kVA Net Output  
8.0 kVA Net Overload @ 60 Hz  
7.1 kVA Net Overload @ 50 Hz

#### VOLTAGE

120/208 V 3-PH 60 Hz  
120/240 V 1-PH 60 Hz  
110/220 V 1-PH 50 Hz

#### HEAT RECOVERY

CHP OPTION ONLY  
4.8-9.4 kW Gross Heat  
Excludes line losses

### OPERATION

#### MODES

Local	Manual
Remote	Auto-Standby

#### SOUND LEVEL

<78 dB(A) at 1 m  
<71 dB(A) at 3 m

### FUEL PRESSURE

#### STANDARD

Natural Gas or Propane  
2~5 psi (13.8 to 34.5 kPa)

#### REGULATOR OPTION

Natural Gas or Propane  
10~28 psi (68.9 to 193.1 kPa)

### ENVIRONMENTAL

Contact GPT for operating conditions below -40°C or above +40°C.

#### AMBIENT OPERATING TEMPERATURE

Max. +40°C (104°F)  
Min. -40°C (-40°F)

#### COLD AMBIENT STARTUP

Cold ambient configuration recommended for engine start-up below -5°C. Cold startup may require additional 120V AC power source to heat engine block

### CONSTRUCTION & MAINTENANCE

#### CONSTRUCTION

Standard outdoor enclosure, "Reach-In" design  
Standard fan cooled radiator  
Weight: 1,750 lbs. (795 kg)  
Size: 90 1/4 "W x 42 1/2 "D x 97 5/8" H w/Exhaust

#### MAINTENANCE

Standard:	Every 2,250 Engine Run Hours
Extended-Run:	Every 9,000 Engine Run Hours

### COMMUNICATIONS

Remote monitoring and email alerts require cellular network or internet access at site.

#### DRY CONTACTS

Control and monitoring through wired connections

#### MODBUS

Monitoring through wired connection (RS485 or TCP/IP)

#### REMOTE MONITORING

Monitoring through wireless connection (requires IoT subscription)

#### EMAIL ALERTS

Alert users for important system information (requires IoT subscription)

### CERTIFICATIONS

Applies to 60Hz Model  
50 Hz not certified, but is same construction as 60 Hz models

#### SAFETY



Conforms to  
ANSI/CAN/UL/ULC STD 2200  
Stationary Engine Generator  
Assemblies  
Control Number: 5024343

#### SAFETY

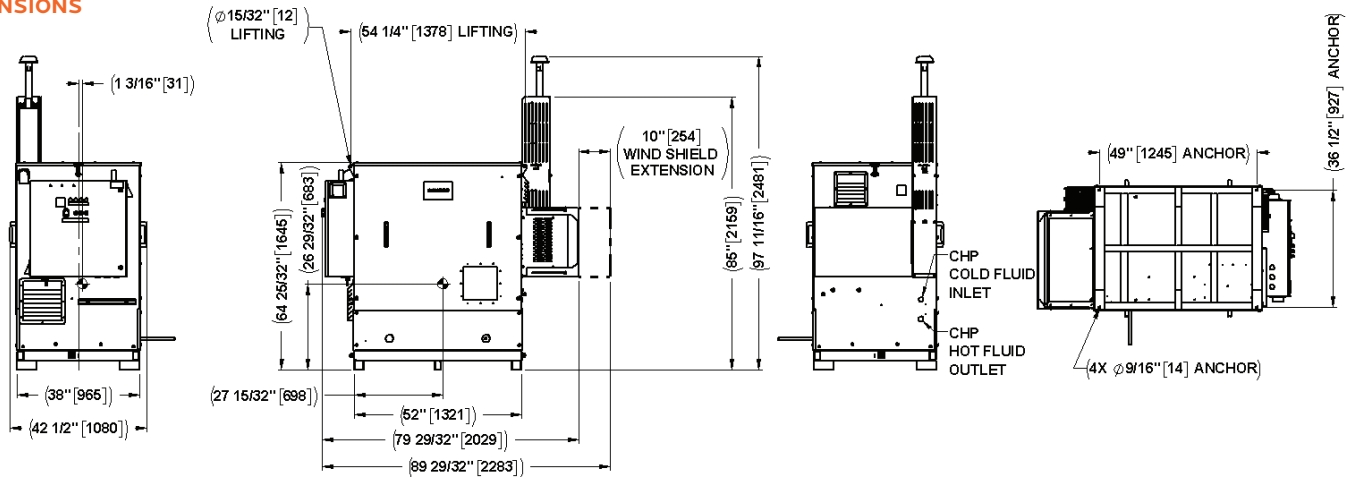
Certificate of Conformity to EPA 40 CFR Part 1054  
Small Nonroad Spark-Ignition Engines & Equipment  
Engine Family: RGPPS.9532MX  
Rated Speed: 1800 RPM  
Rated Fuels: Natural Gas and Propane



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## DIMENSIONS



## MODEL CONFIGURATION

MODEL	FUEL	OUTPUT RATING @ 40C				FUEL INPUT (HHV) @ 6 kVA NET		RPM	CONFIGURATIONS	
-	-	V	Φ	HZ	Net kVA	kW	BTU/h	-	Fuel Type	Natural Gas
MX-N-208	Natural Gas	120/208	3	60	6.0	26.0	88,700	1800	Output Voltage	Propane
MX-L-208	Propane					24.1	82,200			120/208V 3PH 60 Hz
MX-N-240	Natural Gas	120/240	1	60	6.0	26.9	91,700	1800		Oil System
MX-L-240	Propane					24.9	85,000		110/220V 1PH 50 Hz	
MX-N-220	Natural Gas	110/220	1	50	6.0	26.3	89,800	1500	Ambient Startup	Standby
MX-L-220	Propane					24.3	83,100			Extended Run
									CHP	Standard
										Cold Ambient
									Up to 9.4 kW Heat Recovery	

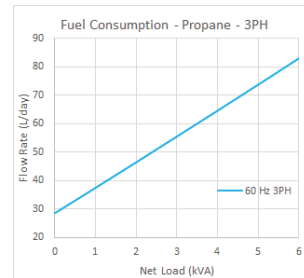
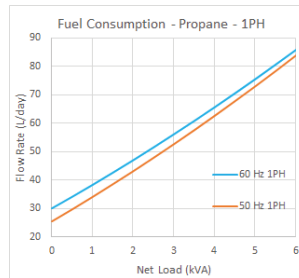
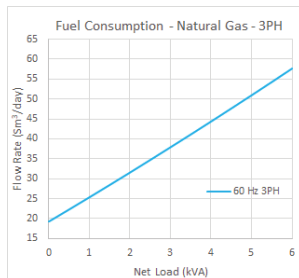
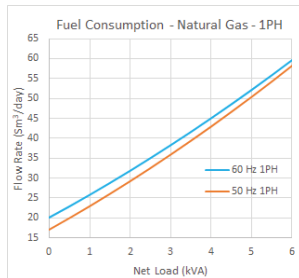
## FUEL CONSUMPTION

### NATURAL GAS

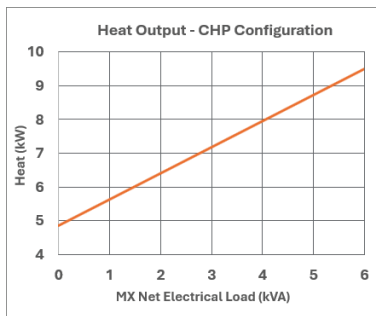
20-60 Sm<sup>3</sup>/day (710-2,100 Sft<sup>3</sup>/day)

### PROPANE

30-86 L/day (8-23gal/day)



## HEAT OUTPUT



## ENGINE

Inline 3-Cylinder  
4-Cycle Liquid Cooled  
OHV Gear Drive  
953 cc Displacement

72 x 78 mm Bore x Stroke  
1800 RPM or 1500 RPM  
Max Shaft Output, NG: 11.7 kW  
Max Shaft Output, LPG: 13.6 kW

## ALTERNATOR

Brushless Synchronous with AVR 4 Poles  
Insulation Class H  
THD <3%  
IP21 Protection

Rated Power. 3-PH at 60 Hz: 12.0 kVA  
Rated Power. 1-PH at 60 Hz: 9.0 kVA  
Rated Power. 1-PH at 50 Hz: 7.5 kVA  
110% overload for one hour in a 6 hour cycle

Specification data stated within this document is subject to change without notice. For more information, contact your GPT sales representative.