



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 ADDITIONS:

- ✘ Battery Backup
- ✘ Heat Recovery
- ✘ 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

OPERATION

MODES

Local	Manual
Remote	Auto-Standby

SOUND LEVEL

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

FUEL PRESSURE

Contact GPT for inlet pressures outside of normal range

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 startup 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 INTERVAL

Standby:	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 thru 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 60 Hz 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

EMISSIONS

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

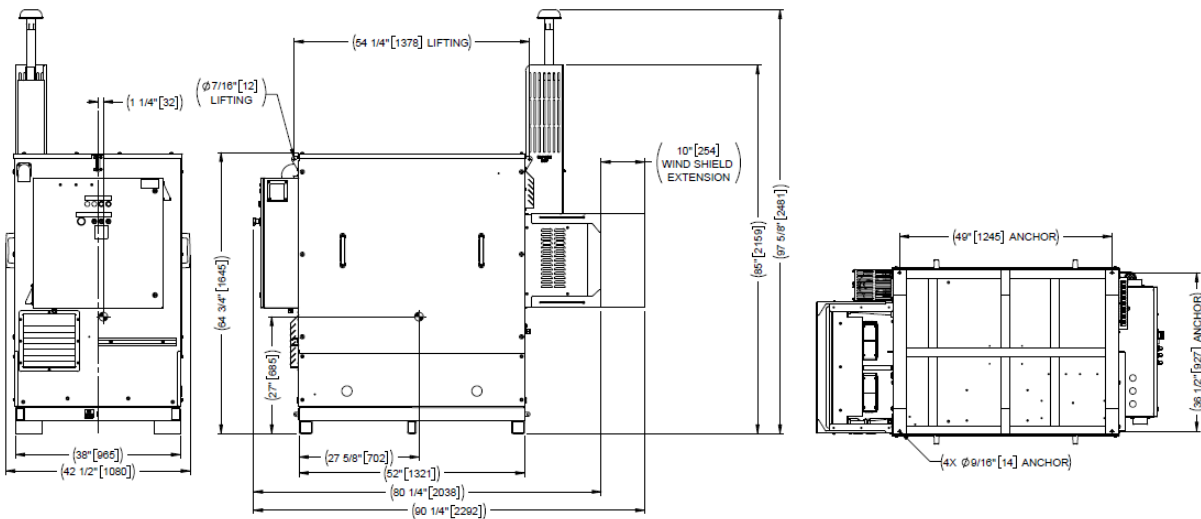


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DIMENSIONS:



MODEL CONFIGURATIONS:

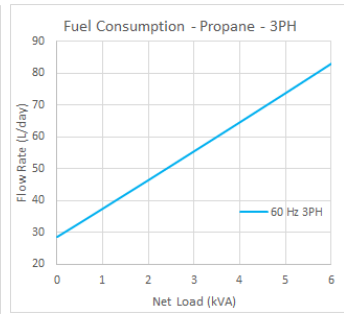
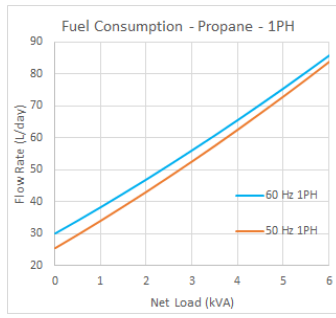
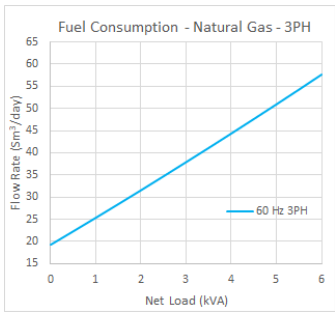
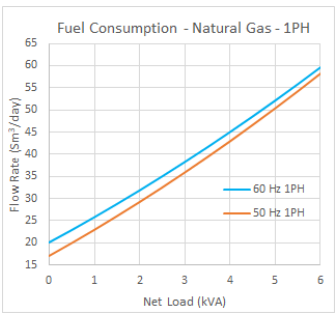
MODEL	FUEL	OUTPUT RATING @ 40C				FUEL INPUT (HHV) @ 6 kVA NET		RPM
		V	Φ	HZ	Net kVA	kW	BTU/h	
-	-							-
MX-N-208	Natural Gas	120/208	3	60	6.0	26.0	88,700	1800
MX-L-208	Propane	120/208	3	60	6.0	24.1	82,200	1800
MX-N-240	Natural Gas	120/240	1	60	6.0	26.9	91,700	1800
MX-L-240	Propane	120/240	1	60	6.0	24.9	85,000	1800
MX-N-220	Natural Gas	110/220	1	50	6.0	26.3	89,800	1500
MX-L-220	Propane	110/220	1	50	6.0	24.3	83,100	1500

CONFIGURATIONS	
Fuel Type	Natural Gas Propane
Output Voltage	120/208V 3PH 60 Hz 120/240V 1PH 60 Hz 110/220V 1PH 50 Hz
Oil System	Standby Extended Run
Ambient Startup	Standard Cold Ambient

FUEL CONSUMPTION:

NATURAL GAS 20~60 Sm³/day (710~2,100 Sft³/day)

PROPANE 30~86 L/day (8~23 gal/day)



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.



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