



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)
- ✓ Cathodic Protection Panel
- ✓ Gas Pressure Reduction System (GPRS)
- ✓ Instrument Air
- ✓ Solar Hybrid
- ✓ 24 or 48 VDC Output
- ✓ Integrated Certified Industrial Control Panels



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 +44°C.

AMBIENT OPERATING TEMPERATURE

Non-Shaded Max. +44°C (111°F)
Shaded Max: +50°C (122°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 with swing door
Standard fan cooled radiator
Weight: 1,610 lbs. (725 kg)
Size: 90"W x 42 1/2 "D x 96 3/4" H w/Exhaust

MAINTENANCE

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 & 50Hz Models

SAFETY



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

SAFETY

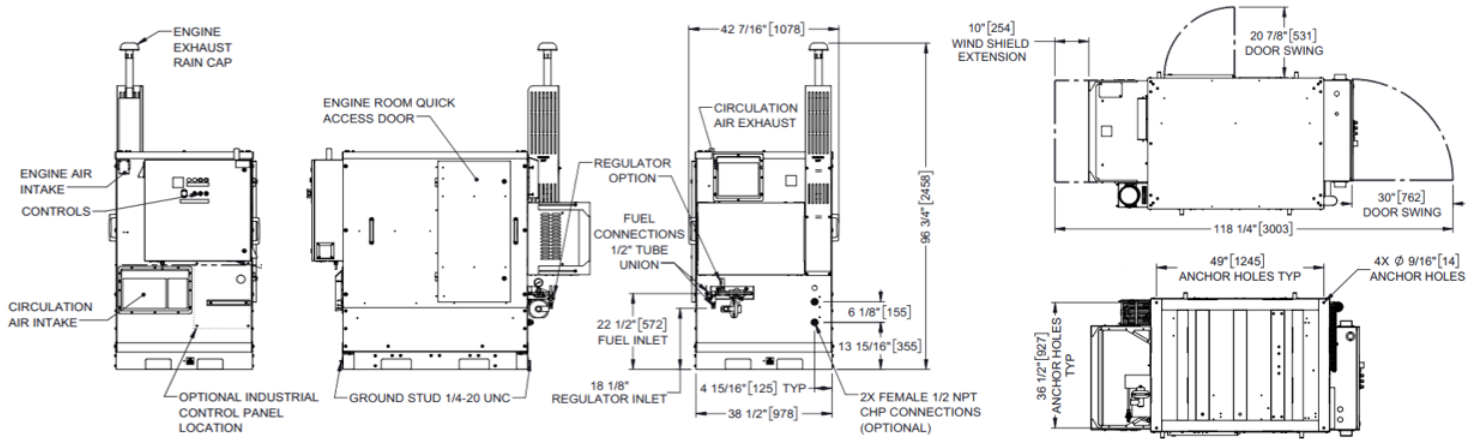
Certificate of Conformity to EPA 40 CFR Part 1054
Small Nonroad Spark-Ignition Engines & Equipment
Engine Family: TGPPS.9532MX
Rated Fuels: Natural Gas and Propane



Global Power Technologies

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DIMENSIONS



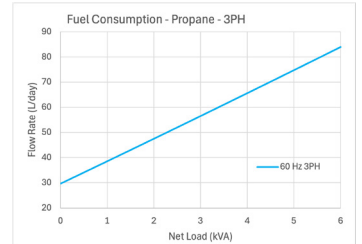
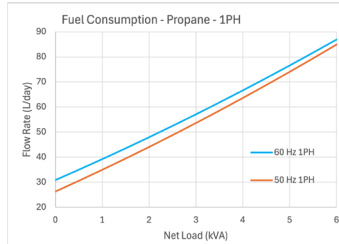
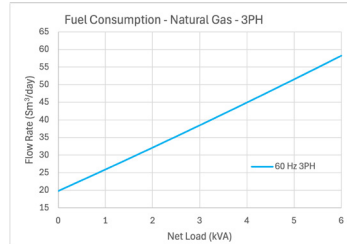
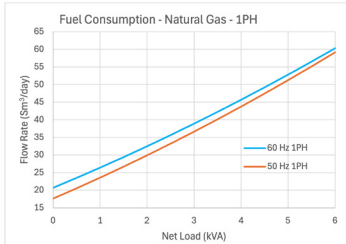
MODEL CONFIGURATION

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 Propane
MX-N-208	Natural Gas	120/208	3	60	6.0	26.3	90,000	1800	Output Voltage	120/208V 3PH 60 Hz 120/240V 1PH 60 Hz 110/220V 1PH 50 Hz
MX-L-208	Propane					24.4	83,100			
MX-N-240	Natural Gas	120/240	1	60	6.0	27.2	92,900	1800	Oil System	Extended Run
MX-L-240	Propane					25.2	86,100		Ambient Startup	Standard Cold Ambient
MX-N-220	Natural Gas	110/220	1	50	6.0	26.7	92,000	1500	CHP	Up to 9.4 kW Heat Recovery
MX-L-220	Propane					24.7	84,200			

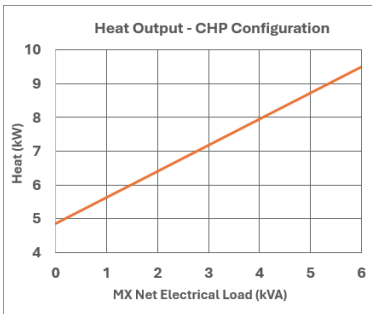
FUEL CONSUMPTION

NATURAL GAS 20-60 Sm³/day (710-2,100 Sft³/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.