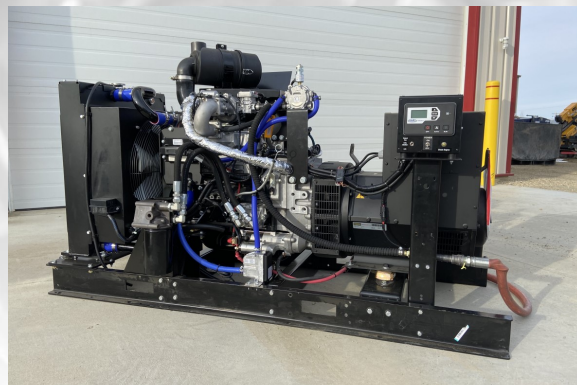




Generator set pictured may include optional accessories.

WQ55NG Alternative Fuel Natural Gas/LP Generator Set

The WQ55NG prime power generator features a proven reliable Isuzu engine. This industrial based model will provide thousands of hours of reliable service that you expect from an Isuzu engine. It's the ultimate package if your looking to increase productivity, reduce downtime and lower maintenance cost. This unit is available with a switchable dual fuel option allowing you to operate on propane (LP) or natural gas.

STANDARD GENSET FEATURES:

- Isuzu Liquid Cooled Spark Ignited Engine—Durable, Long Life Diesel Based Design
- Stamford Generator with Automatic Voltage Regulator—CSA approved
- Heavy Duty Steel Skid Base with anti-vibration isolation and fork-lift pockets
- Digital Generator Controller with user friendly display and auto start/stop functionality
- Electronic Governing – excellent frequency and load pick-up
- 500 hour oil drain interval
- Safety Shutdown Protection (low oil pressure/high coolant temp/over & under speed/crankcase pressure)
- Fuel Lockoff Valves (Nat Gas and/or LP)
- Knock detection with automatic spark adjustment based on knock level
- Operator Manuals
- **Serviced and 100% Load Tested**

Voltage	Frequency	P.F.	Amps	Prime Output (kW/KVA)	Standby Output
120/240 - 1PH	60Hz	1.0	235	50/50	55/55
120/208 - 3PH	60Hz	0.8	194	50/60	55/70
277/480 - 3PH	60Hz	0.8	90	50/60	55/70
347/600 - 3PH	60Hz	0.8	72	50/60	55/70

Derate: **Temperature** - Derate 1% per 10°C (18F) above 40°C (104F) **Elevation** - 0.5% per 100m (328') elevation above 1000m (3729')



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WQ55NG Natural Gas Generator Set

ENGINE SPECIFICATIONS:

Isuzu 4HV1 Liquid Cooled Natural Gas Engine- Durable, Long Life Diesel Based Design with Heavy-duty block, crankshaft, cylinder head, & connecting rods.

- Isuzu 4HV1 Liquid Cooled Natural Gas engine
- **LP:** 82HP @ 1800 RPM / **NG:** 78HP @ 1800 RPM
- Naturally aspirated
- Fuel System: Electronic Pressure Regulator + Mixer
- Fuel Lock Off Valve(s) (ASCO Nat Gas and LP)
- Coil on Plug Technology
- **500-hour oil drain & service interval**
- In-line 4 cylinder, 4 stroke
- Displacement: 4.6L
- 12V electrics; ECM controlled; spark ignited
- Electronic throttle
- Vaporizer (LP only)
- Dry/Replaceable Cylinder Liners
- Fan, belt, and core guards

GENERATOR SPECIFICATIONS:

- Newage-Stamford CSA/UL Approved
- Single Bearing, Brushless
- Automatic Voltage Regulator (AVR Controlled)
- +/- 1% Voltage Regulation
- IP23 Enclosure Protection
- Class H Insulation
- 1 Year Warranty
- UL/CSA Approved

GENERATOR CONTROL PANEL FEATURES:

• DISPLAYS:

Engine Hours, Oil Pressure, Coolant Temperature
Battery Voltage, AC Voltage, Hz Frequency,
Fuel Type (NG/LP), Engine RPM, CAN ECU shutdown

• PROTECTION SAFETY SHUTDOWN & WARNINGS:

- ⇒ Low Oil Pressure
- ⇒ Under/Over AC Voltage
- ⇒ Under/Over Battery Voltage
- Auto Start / Stop with AUX contacts
- AC Current (Amp) Metering Display (*optional*)
- ⇒ High Coolant Temperature
- ⇒ Under/Over Engine Speed
- Programmable Exerciser
- Remote telematics monitoring system (*optional*)



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FUEL

FUEL TYPE	% LOAD	FUEL CONSUMPTION
NG	100% LOAD	19.0m ³ /hr
NG	75% LOAD	15.3m ³ /hr
NG	50% LOAD	11.7m ³ /hr
LP (Propane)	100% LOAD	28.0LPH
LP (Propane)	75% LOAD	21.9LPH
LP (Propane)	50% LOAD	16.3LPH

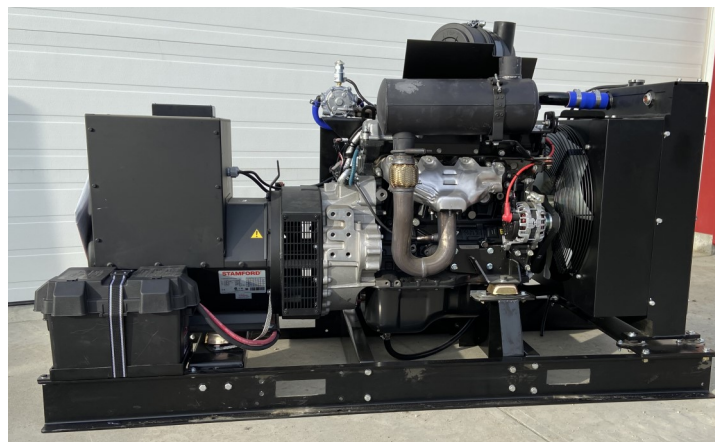
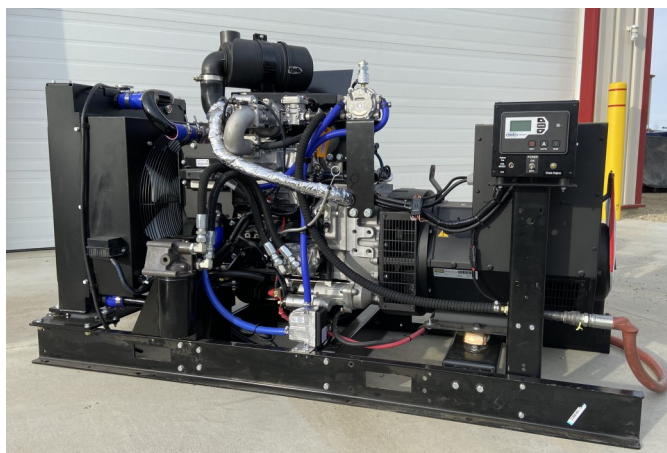
INLET PRESSURE: 4-6 OZ / 7" - 11" WATER COLUMN

Fuel Pressure Gauge (0-15" water column) supplied on engine.

DIMESIONS OPEN SKID MODEL: (APPROX)

Standard Package Dimensions including battery tray and start panel stand (max dimensions)

- **Length:** 2121mm (83.5")
- **Width:** 965mm (38") / Skid Width:813mm (32")
- **Height:** 1346 mm (53")
- **Weight:** 1000kg (2200lb)





WQ55NG Natural Gas Generator Set

OPTIONAL ACCESSORIES:

Engine System

- Dual Fuel System— will run on liquid propane or natural gas; available with manual or Automatic change over system
- Extended Run Time Oil Filtration System
- Battery, box, and cables
- EZ oil drain kit
- Engine coolant heater—120V
- Battery charger—120V
- Battery disconnect lockout switch

AC Electrical System

- Main Circuit Breaker (240V 1PH; 120/208V 3PH; 480V 3PH; 600V 3PH)
- AC Amperage metering package. Will display AC Amperage on upgraded genset control panel.

WARRANTY: all models are covered by a comprehensive limited warranty

- Package: 1 Year / Unlimited Hours
- Isuzu Engine: 2 Year / 2000-hour
- Newage-Stamford Generator: 1 Year / Unlimited hours



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