

Long-Life, Water Cooled, Prime Power Generator



Patent Pending

SPECIFICATIONS

GENERATOR

Electrical Output	up to 4.5kW/hr
Rated voltage (VAC)	120/240 split phase
Speed Range	modulates based on demand max: 3600 rpm idle speed: 2400
Rated maximum continuous load at 240VAC (A)	18.75
Main line circuit breaker-general disconnect (A)	50A/120V
Phase	Single phase
Rated frequency (Hz)	50/60
Enclosure	Steel
Weight (lb/kg)	1000 lbs / 454 kg
Dimensions	48"H x 57"W x 57"D
Normal operating range	This unit is tested in accordance to UL 2200 standards with an operating temperature of -20°F (-29°C) to 122°F (50°C). When operated above 104°F (40°C) there may be a decrease in engine power.

ENGINE

Engine Type	Marathon 272
Number of cylinders	1
Power	8 HP
Displacement	272 cc
Torque	12.5ft-lb
Cylinder block	Cast Iron
Starter	12VDC
Oil capacity	12 quarts



TECHNICAL DATA

Exhaust Gas Emissions	<20g/kW-hr CO <7g/kW-hr NOx
Fuel	natural gas: min. methane number 59 propane: minimum octane number MOZ 92 (EN 589)
Fuel Consumption @ 3600 rpm	natural gas: 0.65 therms/hr propane: 0.78 gal/hr

MAINTENANCE

Service Interval	6,000 hours
Rated Service Life	40,000 hours
Coverage	oil change, oil & filter replacement, spark plug, spark plug cable, breather filter, air filter, fuel filter