

**SPECIFICATIONS****ENGINE**

- Isuzu® 4LE1NYGV-03 - naturally aspirated, diesel engine
 - Prime - 32 hp @ 1800 rpm
 - Standby - 35 hp @ 1800 rpm
 - 4 cylinder
 - 2.2 L displacement
 - Tier IV Interim approved
- Steel, single wall fuel tank
 - 106 gal. (401.25 L) capacity
 - 45.4 hr. run time – full load
 - Fuel tank built into skid of generator set
- Fuel consumption at prime:
 - 100% - 1.8 gph (6.8 Lph)
 - 75% - 1.4 gph (5.3 Lph)
 - 50% - 0.9 gph (3.4 Lph)
- Cooling system capable of operating at 120°F (49°C) ambient
- Low coolant shutdown
- Radiator and oil drains plumbed to exterior
- Rubber vibration dampers isolate engine/generator from frame
- Disposable air filter - paper element
- Air filter restriction indicator mounted on control panel
- 60 Hz engine/generator
- Droop governed

CAN-STANDARD FEATURES

- 60/40 coolant
- Block heater
- Heated fuel filter
- Liquid containment
- *Transport Canada tank not required

GENERATOR

- Marathon Electric®
 - Brushless
 - 4 pole
 - Class H insulation
- Voltage regulation +/- 1% with Marathon SE350 Voltage Regulator

SYSTEM OUTPUTS

- 3 position selector switch + 600V switch
 - Single phase – 120 / 240V Zig Zag
- 10 kW / 10 kVA – standby, single phase
- 9 kW / 9 kVA – prime, single phase
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 - Three phase – 120 / 208V Low Wye
 - Three phase – 277 / 480V High Wye
 - Three phase – 346 / 600V High Wye
- 10 kW / 10 kVA – standby, single phase
- 9 kW / 9 kVA – prime, single phase
- 20 kW / 25 kVA – standby, three phase
- 18 kW / 23 kVA – prime, three phase
- 20 kW / 25 kVA – standby, three phase
- 18 kW / 23 kVA – prime, three phase
- 20 kW / 25 kVA – standby, three phase
- 18 kW / 23 kVA – prime, three phase

SYSTEM CONTROLS

- Microprocessor-based controller
 - Backlit, color display
 - Thermostatically controlled LCD heater
 - -40°F to 185°F (-40°C to 85°C) operating temperature range
- Six LED indicators w/ lamp test
 - Alarm / Fault (Red)
 - Ready / Manual (Red)
 - Running (Green)
 - Warning (Yellow)
 - Ready / Auto (Green)
 - Supplying Load (Green)
- Push buttons for easy operation
 - Manual or Auto Start
 - Engine Start
 - Engine Stop/Reset
 - Alarm Cancel and Fault Set
 - Scrolling Arrows for Diagnostic Information
 - System kW output display
 - Line output & frequency display
 - Engine diagnostic display
 - Oil pressure
 - Engine temperature
 - Fuel level
 - Battery
 - System hours

- Running hours
- kW hours
- Time to service
- Alarm list – warnings / shutdowns; 250 event history log – date/time stamp
 - Fuel level: warning – 15%; shutdown – 5%
 - Over speed protection: shutdown – 115%
 - Oil pressure: warning – 25 psi; shutdown – 20 psi
 - Coolant temperature: warning – 220°F (104°C); shutdown – 230°F (110°C)

SYSTEM CONTROLS (continued)

- Battery voltage: over – 15VDC; under – 11VDC
- Generator over voltage: warning – 110%; electrical trip – 111%
- Generator under voltage: warning – 87%; electrical trip – 86%
- Generator over frequency: warning – 105%; electrical trip – 110%
- Generator under frequency: warning – 95%; electrical trip – 90%
- Over current shutdown

ELECTRICAL CONTROLS

- Remote start / stop contacts located in lug box
- Lockable control box door with diagnostics window
- Lockable lug box with safety switch
 - Trips main breaker when door is opened
 - Disables voltage regulator
- Output ground connection lug inside lug box
- 90A main breaker with shunt trip
- Convenience receptacles with individual breakers (restricted use in high wye mode)
 - (2) 120V 20 Amp GFCI duplex outlets – (NEMA 5-20R type)
 - (2) 125 / 250V 50 Amp, 3 pole, 4 wire twistlock (Non-NEMA 6369)
- Voltage adjustment integrated into Power Zone controller. - +/- 10%
- 720 CCA wet cell battery

ENCLOSURE

- Flip-Hood design - aluminum, sound attenuated enclosure
 - Easy access for daily maintenance
 - Centralized location for all electrical connections/wiring
 - UV & fade resistant, high temperature cured, white polyester powder paint
 - Insulated and baffled - 68 dB(A) at 23 feet – prime power
- Fully lockable enclosure including doors and fuel fill
- Stainless steel hinges on doors
- Emergency stop switch located on outside of enclosure
- Central lifting point
- Multi-lingual operating/safety decals
- Document holder with operating manual including AC/DC wiring diagrams

TRAILER

Generac Mobile Products LLC | 800-926-9768 | 920-361-4442 | www.generacmobileproducts.com

- DOT approved tail, side, brake, and directional lights; recessed rear lights
- Transportation tie downs
- Flip tongue design
- Safety chains with spring loaded safety hooks
- 2" (50.8 mm) ball hitch
- 3500 lb (1588 kg) axle
- 3000 lb (1361 kg) tongue jack with footplate
- 225/75 R15 tubeless tires – 6 ply

WEIGHT & DIMENSIONS

- Skid mounted
 - Dry weight: 2048 lbs (1038 kg)
 - Operating weight: 2517 lbs (1222 kg)
 - 95 x 35 x 52 in (2.41 x 0.89 x 1.32 m)
- Trailer mounted
 - Dry weight: 2289 lbs (1147 kg)
 - Operating weight: 2758 lbs (1331 kg)
 - 150 x 57 x 67 in (3.81 x 1.45 x 1.70 m)

WARRANTY

Engine and generator covered under OEM warranty

CERTIFICATIONS

CSA Certified