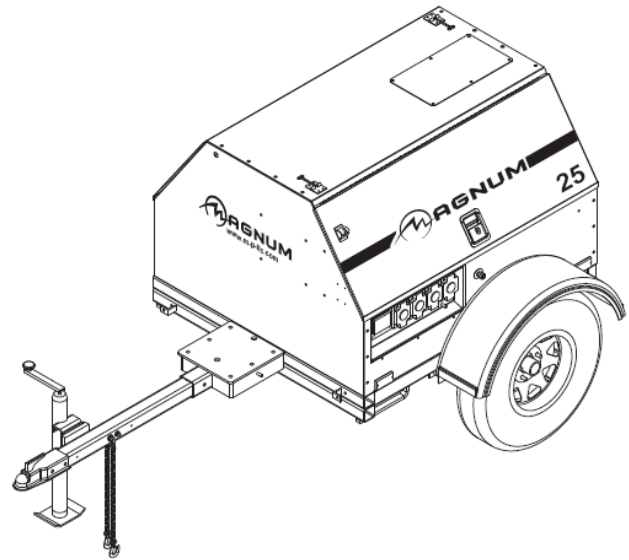

Magnum Mobile Lite Generator – MLG25 Specifications

ENGINE

- Isuzu® 4LE1-PV05 - naturally aspirated, diesel engine
 - Prime - 31.5 hp @ 1800 rpm
 - 4 cylinder
 - 2.2 L displacement
 - Interim Tier IV approved
- Polyethylene fuel tank
 - 56 gal. capacity
 - 31 hr. run time – full load
 - 3 ½" fill port
- Fuel consumption at prime:
 - 100% - 1.80 gph (6.81 Lph)
 - 75% - 1.35 gph (5.11 Lph)
 - 50% - 0.90 gph (3.41 Lph)
- Cooling system capable of operating at 120°F ambient
- Rubber vibration dampers isolate engine/generator from frame
- Full flow oil filter, spin on type
- Fuel filter with replaceable element
- Dry type cartridge air filter
- 60 Hz engine/generator



GENERATOR

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

SYSTEM OUTPUT

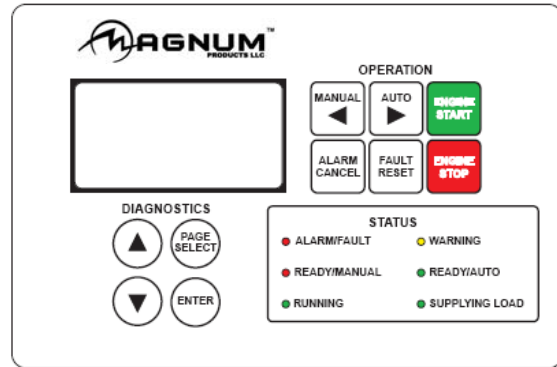
- 3 position selector switch
 - Single phase – 120 / 240V Zig Zag
 - Three phase – 120 / 208V Low Wye
 - Three phase – 277 / 480V High Wye
- 16 kW / 16 kVA – standby, single phase
- 15 kW / 15 kVA – prime, single phase
- 20 kW / 25 kVA – standby, three phase
- 18 kW / 23 kVA – prime, three phase

SYSTEM CONTROLS

- Microprocessor-based controller
 - Backlit, 128x64 pixel resolution display



- -40°F to 185°F operating temperature range
- Thermostatically controlled LCD heater
- 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 or Stop
 - Alarm Cancel & Fault Reset
 - 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 are date & time stamped
 - ◆ Fuel level: warning – 15%; shutdown – 5%
 - ◆ Overspeed protection: shutdown – 115%
 - ◆ Oil pressure: warning – 25 psi; shutdown – 20 psi
 - ◆ Coolant temperature: warning – 220°F; shutdown – 230°F
 - ◆ Battery voltage: over – 15VDC; under – 11VDC
 - ◆ Generator over voltage: warning – 110%; shutdown – 111%
 - ◆ Generator under voltage: warning – 87%; shutdown – 86%
 - ◆ Generator over frequency: warning – 105%; shutdown – 110%
 - ◆ Generator under frequency: warning – 95%; shutdown – 90%
 - ◆ Over current shutdown



ELECTRICAL SYSTEM AND CONTROLS

- 90A start limit breaker (assures no load condition exists before starting)
- Convenience receptacles with individual breakers
 - (2) 120V 20 Amp GFCI duplex outlets (Nema 5-20R type)
 - (2) 240V 30 Amp twistlock outlets (Nema L6-30R type)
 - (2) 240V 50 Amp twistlock outlets (Non-Nema 6369)
 - Lug terminals for single and three phase output
- 720 CCA wet cell battery



ENCLOSURE

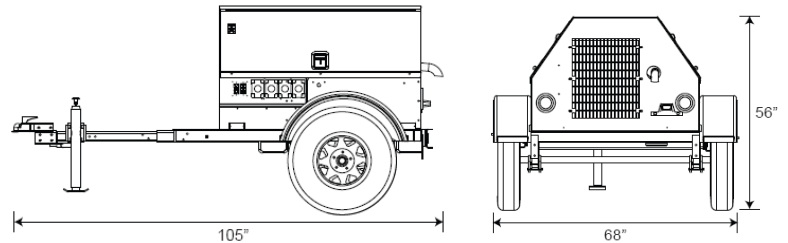
- Steel, 14-gauge, sound attenuated enclosure
 - UV & fade resistant, high temperature cured, white polyester powder paint
 - Insulated and baffled
 - 68 dB(A) at 23 feet – prime power
- Fully lockable enclosure
- Stainless steel hinges, door latches and exterior hardware
- Emergency stop switch located on front panel
- License plate holder with light
- Multi-lingual operating/safety decals
- Document holder with operating/parts manuals including AC/DC wiring diagrams

TRAILER

- DOT approved tail, side, brake, and directional lights
 - Recessed rear lights
- Transportation tie downs
- Safety chains with spring loaded safety hooks
- Single wall polyethylene fenders
- 2" ball hitch
- 2200 lb. leaf spring axle
- 2000 lb. tongue jack with footplate
- ST205/75R15 tubeless tires – 6 ply
- 48" track width

WEIGHTS & DIMENSIONS

- Dry weight: 1640 lbs (744 kg)
- Operating weight: 2038 lbs (924 kg)
- 105 x 68 x 56 in
(2.67 x 1.73 x 1.42 m)



WARRANTY

- Engine and generator covered under OEM warranty – consult factory for details

CERTIFICATIONS

- CSA certified



MLG25 Options

ENGINE OPTIONS

- ◆ Heated fuel filter
- ◆ Lower radiator hose – engine heater
- ◆ Oil drain valve kit

ELECTRICAL CONTROLS OPTIONS

- ◆ 720 CCA gel cell battery
- ◆ 685 CCA gel cell battery
- ◆ Battery disconnect
- ◆ Battery charger – 2A trickle

VOLTAGE OUTPUT OPTIONS

- ◆ Alternative receptacle panel – consult factory for configurations

COOLANT OPTIONS

- ◆ 60/40 Coolant – cold weather applications

ENCLOSURE OPTIONS

- ◆ Interior cabinet light
- ◆ Level indicator
- ◆ Tamper pack
- ◆ Liquid containment / Quiet pack
- ◆ Lift structure

FUEL TANK OPTIONS

- ◆ 56 gal. fuel tank
- ◆ Tethered fuel tank cap

TRAILER OPTIONS

- ◆ 6 pin or 7 spade electrical connectors
- ◆ Outrigger package
- ◆ Tube and sleeve jack
- ◆ Spare tire/wheel kit

HITCH OPTIONS

- ◆ 2.5” lunette ring
- ◆ 3” lunette ring
- ◆ 3” HD lunette ring
- ◆ 2 5/16” ball
- ◆ Combination hitch – 2.5” lunette ring / 2” ball

