

MLT4060M | MOBILE LIGHT TOWER SPECIFICATIONS

ENGINE

- Mitsubishi® L3E-W461ML - liquid cooled, diesel engine
 - o Standby - 12.2 hp @ 1800 rpm
 - o Prime - 10.5 hp @ 1800 rpm
 - o 3 cylinder
 - o 0.95 L displacement
- Fuel consumption (prime) – 0.47 gph (1.78 Lph)
- 60 Hz engine/generator
- Industrial engine exhaust system
- Rubber vibration dampers isolate engine/generator from frame
- Cooling system capable of operating at 120°F (49°C) ambient
- Full flow oil filter, spin on type
- Fuel filter with replaceable element
- Dry type cartridge air filter
- Polyethylene fuel tank with large diameter opening
 - o 56 gal. (212 L) capacity
 - o 119 hr. run capacity
 - o 3.5 in. (88.9 mm) fill port

GENERATOR

- Marathon Electric®
 - o Brushless
- 6 kW standby output
- 120/240 VAC – 50/25A
- +/-6% capacitor voltage regulation

ENGINE CONTROLS

- Engraved, aluminum punched and anodized control panel
- Four position keyed switch – glow plugs (preheat, off, run, start)
- Hour meter
- Automatic low oil/high temperature shutdown system

ELECTRICAL AND SYSTEM CONTROLS

- Individual floodlight circuits with 15A breakers
- Ballast indicator lights
- 30A start limit breaker (assures no load condition exists before starting)
- Standard individually breakered convenience outlets:
 - o (1) 120 VAC 20 Amp GFCI duplex outlets (NEMA 5-20R type)
 - o (1) 240 VAC 30 Amp Twistlock outlets (NEMA L6-30R type)
- 440CCA wet cell battery

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FLOODLIGHTS

- (4) light fixtures – 1000 watts each - metal halide
- Oval aluminum reflector
- Tempered glass lens
- Silicone gaskets for moisture and dust protection
- Friction disc mounting for tool less positioning
- Individual floodlight On/Off switches

MAST

- 30 ft. (9.14 m) maximum extension, 3-section
- Tubular steel frame – 3 in. (76.2 mm) square tube with 3/16 in. (4.78 mm) wall
- Urethane guides on all sides of mast tubes
- Industrial black powder coat finish
- 1500 lb. (680 kg) automatic self-breaking winches
- Dual winch system located at ergonomic height allowing single person operation
- 359° ground-level rotation with locking system
- Coiled mast cord
- Equipped with single lifting eye and fork pockets

ENCLOSURE

- Steel enclosure – 14-gauge
 - UV & fade resistant, high temperature cured, white polyester powder paint
 - 68 dB(A) at 23 ft. (7 m) – prime power
- Stainless steel hinges on doors
- Multi-lingual operating/safety decals
- License plate holder with light
- Manual holder with operating manual

TRAILER

- Removable tongue – 48 in. (1219.20 mm) long
 - (4) 2000 lb. (907.18 kg) adjustable leveling jacks – 4 point stance
- All jacks transport and lock in horizontal position for storage
- Side outriggers – 140 in. (3.56 m) span
- 7800 lb. (3538 kg) safety chains with spring loaded safety hooks
- 2 in. (50.8 mm) ball hitch
- Single wall polyethylene fenders
- DOT approved tail, side, brake, and directional lights
 - Recessed rear lights
- 2200 lb. (998 kg) leaf spring axle
- ST175/80D13 – 6 ply
- 56 in. (1422.4 mm) axle span

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WEIGHT & DIMENSIONS

- Dry weight: 1675 lbs. (760 kg)
- Operating weight: 1888 lbs. (856 kg)
- Mast stowed: 170 x 68 x 70 in. (4.32 x 1.73 x 1.78 m)

WARRANTY

- 1 year /unlimited hours; 2 years /2000 hours

CERTIFICATIONS

- CSA Certified