

ENGINE

- Mitsubishi® S4L2-Y461ML - naturally aspirated, diesel engine
 - Prime - 22.3 hp @ 1800 rpm
 - 4 cylinder
 - 1.8 L displacement
 - EPA Final Tier 4 approved
- Fuel consumption:
 - 100% net prime: 1.30 gph (4.92 Lph)
 - 75% net prime: 0.98 gph (3.71 Lph)
 - 50% net prime: 0.65 gph (2.46 Lph)
- Battery (1):
 - Type: 24
 - Voltage per unit: 12V
 - Rating: 720 CCA
- 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



ENGINE CONTROLS

- Aluminum CNC machined and UV coated control panel
- DSE401 Power Zone Controller
- Automatic low oil/high temperature shutdown system

GENERATOR

- Marathon Electric® 333CSA3024
 - Brushless
 - Class F insulation
- Single phase output:
 - Prime - 13 kW / 13 kVA (54A @ 240V)
 - Standby - 14 kW / 14 kVA (58A @ 240V)
- Voltage regulation +/- 1% with Marathon SE350 Voltage Regulator
- 60 Hz engine/generator
- 68 dB(A) @ 23 ft. (7 m) – prime power
- +/-1% capacitor voltage regulation

ELECTRICAL SYSTEM CONTROLS

- Individual floodlight circuits with 15A breakers
- 70A start limit breaker (assures no load condition exists before starting)
- Standard individually breakered convenience outlets:
 - (2) 120 VAC 20 Amp GFCI duplex outlets (NEMA 5-20R type)
 - (2) 240 VAC 30 Amp RV style outlets (NEMA TT-30R type)
 - (2) 240 VAC 50 Amp twistlock outlets (Non-NEMA 6369)
- Voltage regulation: +/- 1%

PUMP

- ShurFLO® pump
 - 3.3 gpm (12.5 Lpm) - flow rate
 - 3.0 gpm (11.4 Lpm) - flow rate at hose bib
- Hose bib connections include two (2) gravity and two (2) pump (pressurized)

CAPACITIES

- Water tank: 500 gal (1895 L)
- Fuel tank volume: 246 gal (931 L)
- Usable fuel volume: 229 gal (867 L)
- Max run time: 176 hrs

LIGHTING

- Four (4) light fixtures – 1050 watts each - metal halide
- Total lumen output: 462,000
- Coil and core ballast
- Oval aluminum reflector
- Tempered glass lens
- Silicone gaskets for moisture and dust protection
- Electronic light control
- Dusk-to-dawn sensor

LIGHT TOWER ENCLOSURE

- Steel enclosure – 14-gauge
- UV & fade resistant, high temperature cured, white polyester powder paint
- Stainless steel hinges on doors
- Multi-lingual operating/safety decals
- License plate holder with light
- Manual holder with operating manual



MAST

- 3-section, tubular steel
- Self-lubricating guides on all sides of mast tubes
- Industrial black powder coat finish
- Automatic locking system in horizontal position for travel
- 1500 lbs (680 kg) automatic self-braking winches
- 359° rotation with locking system
- Coiled mast cord
- Dual winch system located at ergonomic height allowing single person operation

TRAILER

- (2) 6000 lbs (2722 kg) axles with surge brakes
- 5000 lbs (2268 kg) tongue jack with footplate
- 7.50x16E-6-W tubeless tires – 10 ply
- 3 in (76.2 mm) lunette ring hitch
- Max tire pressure: 75 psi
- DOT-approved tail, side, brake, and directional lights
 - Recessed rear lights
- Transportation tie downs
- Safety chains with spring loaded safety hooks

WEIGHT & DIMENSIONS

- Dry weight: 4702 lbs (2133 kg)
- Operating weight: 10442 lbs (4732 kg)
- Mast stowed: 210 x 86 x 83 in. (5.30 x 2.18 x 2.10 m)
- 31.5 ft. (9.6 m) maximum mast extension

WARRANTY

1 Year, Unlimited Hours / 2 Years, 2000 Hours

CERTIFICATIONS

CSA Certified

