

#### ENGINE

- Isuzu 4LE2TAGV-03- liquid cooled, diesel engine
  - Standby - 40.2 hp @ 1800 rpm
  - Prime – 36.2 hp @ 1800 rpm
  - 4 cylinder
  - 2.2 L displacement
- Fuel consumption:
  - 100% net prime: 2.10 gph (7.80 Lph)
  - 75% net prime: 1.58 gph (5.98 Lph)
  - 50% net prime: 1.05 gph (3.97 Lph)
- Battery (1):
  - Type: 24
  - Voltage per unit: 12V
  - Rating: 720 CCA
- DOC engine exhaust system
- Cooling system capable of operating at 120°F (49°C) ambient
- Full flow oil filter, spin on type
- Dual Fuel filters, spin on type
- Dry type cartridge air filter
- External 3.5 in. (88.9 mm) fill port with level indicator

#### ENGINE CONTROLS

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

#### GENERATOR

- Marathon Electric® 334CSA3028
  - Brushless
  - Class H insulation
  - 120/240 VAC – 167/83A
- 20kW standby output
- 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
- 100A 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)

**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: 109 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: 5181 lbs (2350 kg)
- Operating weight: 10921 lbs (4954 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

