

### 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
- EPA Final Tier 4 approved
- Fuel consumption @ prime – 2.1 gph (7.8 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
  - 50 gal. (189 L) capacity
  - 23.8 hr. run capacity
  - 3.5 in. (88.9 mm) fill port

### GENERATOR

- Marathon Electric®
  - Brushless
- 20 kW standby output
- 120/240 VAC – 167/83A
- +/-1% electronic voltage regulation

### ENGINE CONTROLS

- Power Zone® controller and display
  - Multiple parameter monitoring simultaneously displayed on large back-lit LCD display
  - Configurable Remote Start input and Auto Run-Time scheduler
  - Dusk-to-Dawn Sensor
  - 15-event log recording
  - Generator / load and current monitoring with shutdown protection
  - -40°F to 185°F (-40°C to 85°C) operating temperature range
  - Push buttons for easy operation
    - Manual or Auto Start
    - Engine Start
    - Engine Stop/Reset
  - Generator diagnostic display
  - System kW output display
  - Line output & frequency display
  - Alarms
    - Warning

**ENGINE CONTROLS (continued)**

- Shutdown
- Engine
- Alarm list – warnings / shutdowns
  - 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)
- 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%

**ELECTRICAL SYSTEM**

- 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 Twistlock outlets (NEMA L6-30R type)
  - (2) 240 VAC 50 Amp Twistlock outlets (Non-NEMA 6369)
- 720CCA wet cell battery

**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**

- Single toggle switch for raising and lowering vertical mast
- LightTracking System - distinctive angle fixture design for common light distribution
- Mast stowed height: 9.25 ft. (2.82 m)
- 30 ft. (9.14 m) maximum extension, 3-section, tubular steel
- Urethane guides on all sides of mast tubes
- Industrial black powder coat finish
- 1500 lb. (680 kg) automatic self-breaking electric winch – easily raises mast vertically
- 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) @ 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**

- Front step platform for easy adjustment of light fixtures
- Removable tongue – 48 in. (1219.20 mm) long
- Tubular steel frame – 3/16 in. (4.78 mm) wall
- (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
- 3000 lb. (1361 kg) leaf spring axle
- P205/75R15 – 6 ply
- 58 in. (1423 mm) axle span

**WEIGHT & DIMENSIONS**

- Dry weight: 2277 lbs. (1033 kg)
- Operating weight: 2592 lbs. (1176 kg)
- Mast stowed: 115 x 68 x 107 in. (2.92 x 1.73 x 2.71 m)

**WARRANTY**

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

**CERTIFICATIONS**

- CSA Certified