

ENGINE

- Mitsubishi® L3E – liquid cooled, diesel engine
- Standby - 12.2 hp @ 1800 rpm
- Prime - 10.5 hp @ 1800 rpm
- 1.0 L displacement, 3 cylinder
- ECOSpeed™ EPA compliant multi speed operation
- Low speed fuel consumption (LED lights) – 0.2 gph (0.76 Lph)
- Fuel consumption (prime power output) – 0.5 gph (1.89 Lph)
- Industrial engine exhaust system
- Cooling system capable of operating at 120°F (49°C) ambient
- Full flow oil filter, spin on type
- Fuel filters, spin on type
- Dry type cartridge air filter
- 750-hour engine service interval
- 43 gal. (163 L) polyethylene fuel tank, internal 3.5 in. (89 mm) fill port
- 215-hour maximum run capacity with LED lighting load

GENERATOR

- Marathon Electric®, Brushless, 6 kW continuous output
- 120/240 VAC – 50/25A
- +/-1% automatic voltage regulation

ELECTRICAL CONTROLS

- Power Zone® Autolight Controller
- Automated dusk to dawn or 7-day scheduler operation
- One touch manual starting
- Individual light fixture control
- Back-lit LCD display -40°F/C rated heated display.
- Three (3) programmable service timers for Fuel Filter, Air Filter and Oil Service
- Alarms and comprehensive warnings
- Electrical trip or shutdown protection upon fault condition
- Key pad controlled electric mast optional deployment
- Telemetry connectable with license-free PC software

FLOODLIGHTS

- Four 240W Generac LED light fixtures
 - 22,000 lumens each
- IP66 LED Modules with 50,000-hour life
- Aluminum / Poly construction housing
- Cabinet mounted LED drivers
- 30VDC mast cord and fixture
- Pinch Guard protects LED fixture cord routing



ELECTRICAL SYSTEM

- 30A outlet breaker
- Individual floodlight circuits with sealed 5A breakers
- 120 VAC 20 Amp GFCI duplex outlet (NEMA 5-20R type)
- 240 VAC 30 Amp twist lock outlet (NEMA L6-30R type)
- Wiring is sized and fused to the amperage draw required
- AC & DC wiring diagrams provided
- 440CCA wet cell battery

MAST

- 23 ft. (7 m), 5-section vertical mast with ground adjustable light fixtures
- Dual handle manual winch for ease of deployment, enclosed tamper proof brake system
- Distinctive angled fixture mount for common light distribution
- 359° ground rotational mast with mast fully extended
- Industrial black powder coat finish with polymer guides
- Mast stowed height: 8 ft. 5 in. (256.5 cm)
- Self-retracting coiled mast cord
- Equipped with single lifting eye and fork pockets

ENCLOSURE

- Thermoformed hood enclosure with UV protected colorant
- Flip hood engine compartment for ease of service
- Multi-lingual operating/safety decals
- License plate holder with light
- Manual holder with operating manual
- 63 dB(A) @ 23 ft. (7 m) – low speed operation

TRAILER

- Tubular steel frame
- Three (3) 1200 lb. (544 kg) tube and sleeve leveling jacks
- All jacks transport and lock in position for storage
- Side outriggers deployed – 10 ft. (305 cm) span
- 7800 lb. (3538 kg) safety chains with spring loaded safety hooks
- 2 in. (50.8 mm) ball hitch
- Molded polyethylene fenders
- DOT approved LED tail, side, brake, and directional lights
- 2200 lb. (998 kg) leaf spring axle
- ST175/80D13 – 6 ply
- 47 in. (117 cm) track width

WEIGHT & DIMENSIONS

- Dry weight: 1340 lbs. (608 kg)
- Operating weight: 1630 lbs. (739 kg)
- Mast stowed: 118 x 57 x 101 in. (3.0 x 1.45 x 2.6 m)

WARRANTY

2 Years / 2000 Hours; 5 Year / 10,000 Hour parts warranty on LED modules and drivers

CERTIFICATIONS

CSA Certified / Listed