

Includes

- Small footprint to reduce freight cost
- Easy to transport
- Rechargeable with standard 120V charging
- 20 Amp (5-20 plug)
- Built-in, maintenance-free AGM battery pack
- 3 x 400 Wp high efficiency solar panels
- Autonomous Operation with Dusk to Dawn scheduler
- Photocell-controlled auto-on/off
- 4 x 100 W high efficiency G4 LED lights by Generac Mobile
- Automatic and manual operating modes
- Intuitive control panel for rental friendly operation
- Low maintenance with no engine or alternator
- No fuel, no emissions, no noise
- Adjustable-tilt solar array
- Automatic solar charging
- Heavy-duty secure battery box
- Galvanized mast
- Easy to deploy solar panels
- One person setup & take down



Codes and Standards

Generac Mobile products are designed to the following standards:



Test Criteria

- Proven GENERAC Solar Design
- Prototype Tested
- Cold Weather Tested
- Hot Weather Tested
- Rain Tested
- Vibration Tested
- Finite Element Analysis (FEA)

Standard Features

CONTROLS

- Victron Controller (Cerbo GX)
- Dusk to Dawn functions via photocell
- Dusk to Dawn & Dusk +3, +6, +9
- Comprehensive warnings protect the operator and equipment

LUMINAIRES

- Four G4 100W LED fixtures
- Aluminum and polymer housing
- Efficiency : 150 LPW
- Lm/fixture: 15,000
- Total Lm: 60,000
- Coverage @ 0.5f-c: 21,070ft² (1,957 m²)
- IP68 LED modules, IP65 rated drivers
- Tool-free individual light positioning

ENCLOSURE

- Heavy-duty, 14-gauge steel for tough rental applications
- Stainless steel or zinc-plated hardware. Prevents oxidation and helps increase resale value
- UV and fade resistant, white polyester powder paint.
- Salt-spray tested to 1,000 hours
- Side and rear fork pockets
- Document holder with owner's manual
Includes AC and DC wiring diagrams

TRAILER

- Steel frame designed for stability.
- 3,300 lb capacity leaf-spring axle
Durable, with even weight distribution
- 4 Leveling and stability Stabilizer jacks:
2 front, 2 back
- Wheeled jack on tongue for easy positioning of unit
- Single-wall polymer fenders Durable and UV resistant
- LED trailer lights (side, brake, and directionals) DOT approved
- Illuminated license plate holder DOT approved
- Tires ST175/80, 13 in. rim
- Heavy-Duty Trailer Design: DOT certified with leaf spring suspension

WARRANTY

- 1 year Unlimited hours
- LED lights: 5 year, limited

Specifications

General

Make (Model)	VT Solar
Units per 48' truck (Qty)	8
Lights	4 x 100W LED
Battery capacity	11,520 kWh
Brightness (25%)	78 hours
Brightness (50%)	39 hours
Brightness (75%)	26 hours
Brightness (100%)	19.5 hours
Light Dimmer Control	25 - 100% Infinite Variability
Batteries	AGM
Winch	Manual / Single Handle
Charging	120V/20A (5-20P inlet)
Charge Time (Shore power)	12.2 hours (0-100%)

Solar Panels

Type	Mono Crystal Silicon
Quantity	3
Wattage	3 x 400W
Tilt Angle	5-35° @5° increments

Mast

Height (ft/m)	21.3 ft.(6.5m)
Sections	5

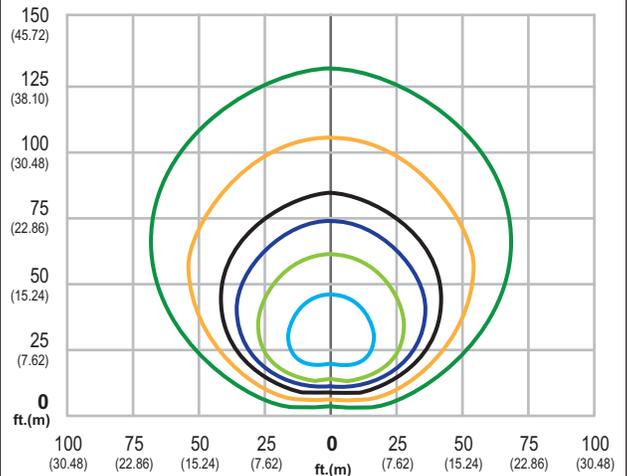
Trailer

Tires	ST175/80, 13 in. rim
Tow hitch	2.0" ball
Finish	Powder coated
Suspension	Leaf spring (3,300lb.)
Forklift pockets	Yes - 2 sides and rear
Wheel on Tongue	Yes

Inverter

Brand	Vitron MultiPlus II 120V
Model	48/3000/35-50
Input Voltage Range:	38-60 VDC
Output Voltage	120 VAC, 60 Hz
Max Efficiency	95%

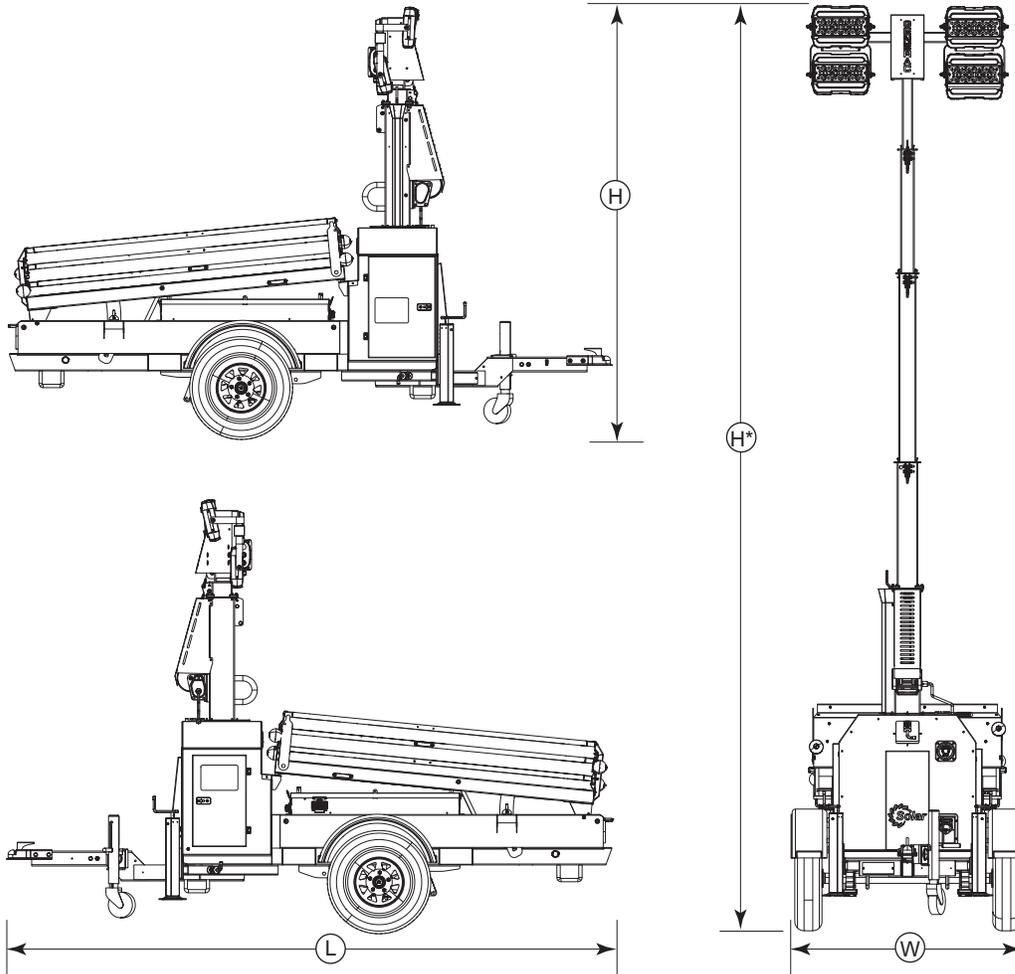
22 ft (6.7 m) mast height with 4 - 100W LED fixtures • Standard configuration
70 degree tilt • 20 degree out



30 foot candles	3 foot candles
20 foot candles	2 foot candles
10 foot candles	1 foot candles
5 foot candles	0.5 foot candles

Area illuminated by 0.5 foot-candles or more:
21,070 ft² (2,235 m²)

Dimensions and Weights*



Dimensions

L x W x H	142 in (3.61 m) x 54 in (1.37 m) x 99 in (2.51 m)
L x W x H*	142 in (3.61 m) x 54 in (1.37 m) x 21.3 ft (6.50 m)
Weight	2,401 lbs (1089 kg)

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC MOBILE DEALER

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Mobile Authorized Service Dealer for detailed installation drawings.