

# MIDNITELITE MOBILE M612



Model Number	Engine Type	Type of Light	Light Configuration	Total Light Output	Mast Height Extended	Fuel Consumption Lts/hr	Axle Configuration	Total Weight
M612	Perkins 404D22 Yanmar 4TNV84T	Metal Halide	6 x 2000	12000 W	9.5M	4.0 Lts/hr 2.9 Lts/hr	Dual	2500KGS

## SPECIFICATIONS

### Engine / Alternator

Three Cylinder, industrial-duty, liquid-cooled, naturally aspirated diesel engines: Perkins / Yanmar.

Direct Couples to a heavy duty, single bearing alternator.

Additional Features include:

- Cyclone-style air cleaner
- Key start panel with engine protection
- Earth leakage protection
- Emergency stop push button
- Single-pole lockable battery isolator

### Lights

6 x 2000 Watts. All ballasts, capacitors and igniters mounted in heavy duty cast aluminium housing as standard. Output = 1,200,000 Lumens.

### Megagen Generator

Megagen diesel generator 415v @50Hz.

### Double Jointed, Knuckle-Style Hydraulic mast

With hydraulic extension from 9.5m to 12m (depending on specifications) allows for light focus through a full 105° swing (Fully extended and operating). 12 Volt DC operated mast can be folded away without generator power. Double action rams and safety lock valves on all hydraulics.

### Dual axle trailer

Heavy-duty trailer with A-Frame draw bar with 3/four hydraulic stabilizer legs. Fitted with either ring hitch or ball hitch and 16' Landcruiser wheels.

### Brakes

High quality override braking system offered as standard.

### High Visibility reflective tape

For better site safety.

### Weatherproofing

Removable weatherproof canopy over generator. Components are sand blasted, primed and industrially power coated to a minimum 100 Microns.

### Electrical

Lighting circuits with individual circuit breakers (Housed in IP66 enclosures) with RCD protection. Enclosed in conduit for mechanical protection and constant earth.

## Dimensions and Fuel Capacity

Dual Axle – (Length x Width x Height) 5700mm x 2500mm x 2600mm – 360 Litres fuel capacity.

## LEGISLATIVE COMPLIANCE

Each mobile lighting plant is designed and built to meet all relevant standards including:

- AS3000 Electrical wiring regulations
- AS2790 Transportable Generator sets to 25KW
- AS 3010.1 Supply of generator set
- AS 3713 Noise level emissions
- AS 1170.2 Wind Loading Criteria (Wind loads to gusts of 100 Kmh)
- Mines Safety and inspection regulations 1995

## OPTIONS

- Light tilt facility (With tower fully extended and operating)
- Day-Night Shutdown System
- External Jump Start
- Non-pressurized high flow refuelling system or evacuation system for all fluids
- Spare wheel carrier
- 9Kg dry chemical fire extinguisher
- LED Trailer lights
- Power Outlets
- Double pole Lockable Battery isolator
- 24 Hour Timers for Auto Shutdowns
- Wheel chocks
- MDG15 & MDG41 compliance
- Many more