

MIDNITELITE MOBILE

M46



Model Number	Engine Type	Type of Light	Light Configuration	Total Light Output	Mast Height Extended	Fuel Consumption Lts/hr	Axle Configuration	Total Weight
M46	Perkins 403D11D Yanmar 3TNV76	Metal Halide	4 x 1500	6000 W	9.5M	2.3 Lts/hr 1.8 Lts/hr	Single	2200KGS

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

4 x 1500 Watt. All ballasts, capacitors and igniters mounted in heavy duty cast aluminium housing as standard. Output = 600,000 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.

Single 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

Single Axle – (Length x Width x Height) 5000mm x 2200mm x 3050mm – 210 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 Km/h)
- 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