



## Lighting Mast



Lighting Mast is a movable lighting source which is powered by a diesel engine. The lights are mounted on a mast which can be folded and stowed. The output light is derived using LED lights which are cost effective, energy efficient, have longer lifetime and are environment friendly. These can be used at construction sites, infrastructure projects, airports, playfields, schools, public functions and at any other site where illumination is required.

### Optionals

- Mast of 9 m height
- GPS enabled remote management system
- High wattage LED lights

### Salient Features

- Efficient and high performance 4x120 Watt/ 200 Watt/ 250 Watt/ 350 Watt/ 400 Watt IP66 LED lights with longer service life
- Compact and high performance 11.5 HP TMTL Engine
- CPCB - IV approved solid silent canopy
- Multiple section 6.5 m iron mast with 350-degree rotation
- Power points to tap power for auxiliary use
- Tyre mounted chassis with leaf springs and towing hook. Towing speed upto 40 km/ hr
- Compact design with lifting hook for easy transportation
- Multi-display control panel

## Specifications

GENERAL DETAILS	
Product	Ajashy Lighting Mast
Lighting System	4x120 W/ 200 W/ 250 W/ 350 W/ 400 W LED Flood Lights with IP 66 Enclosure

BODY	
Operational Dimensions	3120 mm X 1900 mm X 6500 mm / 9000 mm
Transportation Dimensions	2900 mm X 1500 mm X 2180 mm
Canopy Type	Silent CPCB - IV Compliant
Noise Levels	73dB(A) at 1 m distance
Lifting Hook	Available
No of Outriggers	4 (Collapsible)
Suspension	Leaf Spring Axle, 1.5 Ton
No. of Tyres	2 (205/65/R15)

DIESEL ENGINE	
Make	TMTL
Model	110A0-EG008 (CPCB - IV)
Power	11.5 HP
Rated RPM	1500
Engine Type	Air Cooled
No. of Cylinders	Single
Battery Voltage	12 VDC / 65 Ah
Oil Sump Capacity	5 L
Oil Change Period	500 Hours
Recommended Oil	CI 15 W 40 (Rakshak Genset Oil)
Fuel Tank Capacity	50 L

ALTERNATOR	
Make	CG / Leroy Somer / Mecalte / Stamford
Output Power	7.5 KVA Brushless
Frequency	50 Hz
Rating Voltage (V)	240 V
Insulation	Class H
Coupling	Conical Shaft close coupled SAE J60B

MAST	
Type	Iron multiple section with interlock
Extended Height	6.5 m
Stowed Height	2.25 m
Extension	Manual through winch
Rotation	350 degree
Wind Speed Stability	110 km/ h

FEATURES	
Individual light control switches	
Display for Frequency, Battery Voltage, RPM, Oil Pressure, Fuel Level, Running Hours, Alternator Voltage	
Auto engine shut down in case of auxiliary power input	
Low oil pressure indicator / Engine trip on low oil pressure	
High engine temperature indicator / Engine trip on high engine temperature	
Fan belt indicator	
Emergency stop button	
Transportation reflectors	



### Warranty

All products are guaranteed against defects due to faulty workmanship or materials for twelve months from the date of purchase. This guarantee is limited to the repair or replacement of any parts found to be defective, and no other liability—expressed, implied, or contingent—is assumed.

### Disclaimer

These specifications are general guidelines for product selection and can be changed for your specific requirement. Specifications are provided for convenience of reference only and may vary upon manufacturing of individual product.



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