



## HYBRID

### MOBILE LIGHTING TOWER

A hybrid mobile lighting tower ready with a single-phase diesel generator of 5 KVA / 7.5 KVA with Lithium Battery charging system to power the lights with automatic changeover

SIGMA SEARCHLIGHTS LIMITED

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## MAJOR TECHNICAL FEATURES

- Robust design for rugged application.
- External SMPS charger provided for use when the batteries are deep discharged.
- Four wheel System for ease of shifting.
- Exhaust fan to dissipate the extra heat.
- Automatic changeover from DG to battrey source & vice versa.
- Has option for coupling with IoT.



## TECHNICAL SPECIFICATION

Tower Height	7 mtr.
Trailer type	Single axle, Flatbed
Wind speed	50mtr./sec or 180km/hr.
Winch	Manual / Motorised as Required
Light	Sigma 200W Led x 6
Battery	96 volt 160 Ah Lithium Ferro-Phosphate
Inverter	8 KVA off grid
DG set	5 KVA / 7.5 KVA
Phase/Voltage	Single/230v AC
Charging time	4 - 5 hrs.
Back-up time	8 - 10 hrs.
Battery life cycle	2000 Charging cycles
Weight	1500 kg approx.
Dimension(L x W x H)	5000 mm x 2000 mm x 3000 mm

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