

# SOLAR MOBILE LIGHTING TOWER

A GREEN ENERGY  
PRODUCT WITH  
RENEWABLE SOURCES  
OF POWER.



**SIGMA SEARCHLIGHTS LIMITED**

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## MAJOR TECHNICAL FEATURES

- Collapsible structure for solar panels for ease of shifting.
- Has option to be charged from hybrid source i.e if Solar power is not available it can be charged with mains power source.
- Easy connectivity with plugs and sockets.
- Four wheeled trolley for ease of shifting.
- Can be merged with other renewable sources of power and customized as per end user requirement.
- The solar structure can also be built as an upgrade kit on existing mobile lighting towers.



## TECHNICAL DATA

Tower Height	5 Meter onwards as required
Trailer Type	Single Axel, Flatbed
Winch	Manual
Lights	100W / 150W / 200W Led Fitting as required
Number And Wp Of Solar Panels Used	3 to 12 nos panels of 335/430/550 Wp
Type Of Solar Panels	Mono Crystalline
Battery	48 V / 96 V of 100 Ah / 160 Ah / 200 Ah
Inverter	2 KVA / 3 KVA / 5 KVA / 8 KVA
Life Of Battery	2000 Charging Cycles
Charging Time	Through a day under sunlight
Back-Up Time	10 to 12 hrs
Weight Of The System	1200 - 1500 kg approx.

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