

# Solar Powered Mobile Lighting Tower

The Solar Lighting Tower is the cost-saving alternative to diesel-generator tower lights that's easy to set up - and forget. It never needs to be refuelled, so you save money and manpower, while it continues to provide powerful light with no noise, polluting emissions or danger of spills.

Available for lease or purchase.

## NO EMISSIONS

Use of a Solar Lighting Tower produces no diesel fumes or greenhouse gas emissions.



## NO NOISE

The unit makes no noise and is ideal for sensitive sites, for example during night-working or in residential locations.



## NO FUEL

The unit requires no fuel, meaning no storage of fuel and risk of spills, as well as the hassle of refueling.



## NO MAINTENANCE

Easy deployment, no need to fill the diesel tanks, clear spills or service engines.



## Applications

- Infrastructure & construction projects
- Site welfare compounds and walkways
- Temporary car parks
- Off-grid emergency response
- Outdoor events and festivals



## Contact Us

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## Overview

The Solar Lighting Tower delivers powerful light without noise or emissions and offers a robust alternative to temporary diesel lighting for infrastructure, construction projects and events.

The Solar Lighting Tower will never need to be refuelled and its digital, in-built, remote control functions means you can alter its settings as required to suit the light conditions without the need to attend the unit on site. With the data collected, you can track its performance. Not only that, but we can provide you with regular reports detailing how much carbon you have saved compared to a conventional alternative.

## Specifications

The Solar Lighting Tower comprises a specially-developed trailer-mounted unit with heavy-duty, deep-cycle batteries, an array of four or three 330W solar panels, a 7.5m telescopic mast and four LED lights which are capable of 550m<sup>2</sup> coverage at a minimum lux level of 20 and 10,000 to 40,000 lumens output.

The Solar Lighting Tower's high-power 1,320W capacity is three times that of any other temporary solar tower light on the market. Even on winter days with 16 hours of darkness, the unit operates consistently and reliably. The ability for the Solar Lighting Tower's performance to be monitored remotely can also identify if the system is running low on battery capacity, which in turn allows our teams to quickly respond on site.

## Remote Control and Monitoring

Every Solar Lighting Tower is fitted with a micro-controller and GPS tracking, so it can be switched on and off remotely, and keydata such as power generated/consumed and light on/off settings, can be monitored and recorded.

Customers are provided with real-time web portal access to the system's remote monitoring service and we also provide a daily monitoring and control service to optimise the performance of each unit, as well as monthly reports of a range of performance data including carbon savings.

## Tried, Tested and Proven

Compelling evidence of the carbon savings offered by this smart, clean, cost-effective and easy-to-use technology has been gathered through operation with Tier 1 contractors, demonstrating its potential to contribute significantly to construction industry carbon reduction targets.

## Lighting Design Service

We offer a lighting design service to ensure you have the optimum temporary lighting configuration for your site.

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