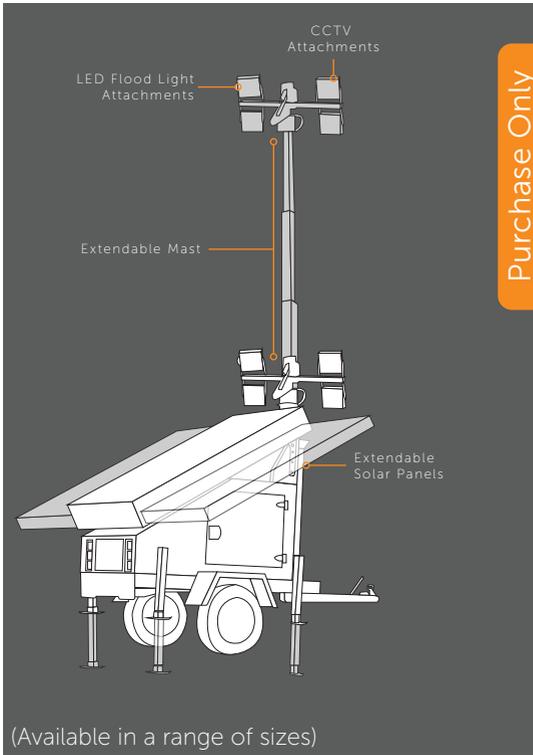


Hybrid Solar Powered Tower

WWW.M-VIS.CO.UK / SALES@M-VIS.CO.UK / 01629 580570



SOLAR POWERED SAFETY

ESSENTIAL SPECIFICATIONS

- Dual Power Hybrid System:** Combines solar panels with a diesel generator to deliver continuous, reliable lighting even in environments with limited sunshine.
- High-Brightness LED Illumination:** Equipped with 4–6 x 100W LED lamps producing up to 90,000 lumens of powerful, uniform light for large sites.
- 360° Rotatable & Adjustable Lighting:** Lights can be rotated and tilted for maximum coverage and adaptability across work zones or security perimeters.
- Long Operational Life with Ultra-Low Power Consumption:** LED technology paired with a smart hybrid power system reduces fuel use and extends run hours.
- Automatic Solar Charging (MPPT Controller):** Maximises energy capture and charging efficiency from solar panels without manual intervention.
- Maintenance-Free Battery Setup:** Deep-cycle gel batteries require minimal upkeep and support extended autonomous operation.
- Mobile & Easy to Operate:** Trailer-mounted design and simple controls allow single-operator deployment, boosting site efficiency.
- Robust, Weather-Resistant Construction:** Built on a durable steel frame with weatherproof coatings for long service life in harsh conditions.
- Versatile Site Use:** Ideal for highway construction, quarry sites, remote locations, emergency works, and security applications where reliable night illumination is critical.
- Optional Enhancements:** Can be upgraded with additional solar panels, hydraulic mast systems, CCTV/surveillance cameras, and larger diesel generators for extended capability.

FEATURES:

Solar Power:



Trailer Based:



Extendable Mast:



LED Bulbs:



Hybrid Light Towers are portable, high-performance lighting solutions that combine solar power, battery storage, and diesel backup to ensure reliable off-grid operation.

Delivering powerful LED illumination while significantly reducing fuel consumption, emissions, and operating costs, they are ideal for construction, infrastructure, events, and security applications.