

Solar Tower Pod

ZERO^{CO2} Emissions
Site Lighting



Harvest & store solar energy for all night flood lighting.

The Solar Tower Pod eliminates carbon emissions and noise associated with off-grid floodlights.

Equipped with large extendible solar panels to ensure maximum solar input in all seasons. The combination of the large battery bank and LED floodlights provides all night flood lighting.

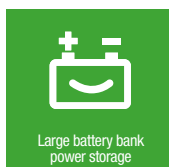
The built in Autosmart system efficiently manages the power supply between solar PV and the large battery bank. A built in daylight sensor controls floodlight activation whilst in auto mode.



High output / Low power LED floodlights



Large extendible sliding solar panels



Large battery bank power storage



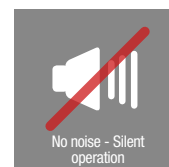
ZERO^{CO2} Emissions

No local emissions

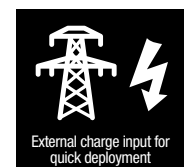


Auto smart

Self charging automatic



No noise - Silent operation



External charge input for quick deployment



Shock proof high lumen LED'S

Energy Saving

As battery power reduces the lights gradually turn off 1 by 1



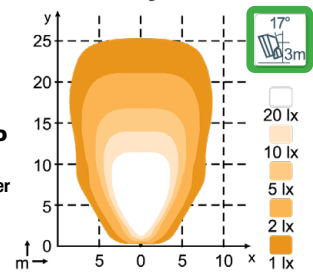
Rotating / Extending Mast

FLOODLIGHTS	Type	LED 6x	ENVIRONMENT	Operating Temperature Range (°C)	-20°C to +55°C Humidity (non-condensing): max 95%
	Lumens	4400 lm each 17,600 lm Total array		Solar panels - Max physical load	Wind: 4000 Pa, 408 kg/m² front & back Snow: 6000 Pa, 611 kg/m² front
	Power Consumption	50w per light		Solar panels - Impact Resistance	25 mm diameter hail at 23 m/s
	IP rating	IP68, IP6K9K, SAE J1455		Mast	Maximum Wind Speed 110 km/h
SOLAR	Solar panels (on board)	800w extended to 2.2kW Each Panel 400w	MECHANICAL	Axle running gear	AL-KO braked single axle. Road lights. Jack legs
STORAGE	Type	AGM (Absorbent Glass Matt)		Mobile Model Dimensions (mm)	Overall length (inc. tow bar) 3790mm Width (wings closed) 2170mm Width (wings opened) 5220mm Height (Tower down) 2440mm
	Capacity @ 25°C	800 AH		Weight (kg)	TBC kg
	Charge Time (approx)	8 Hours		Mobile Model Lift Points	OPTIONAL
SYSTEM	Service life (years)	> 5	Mast	Mechanical lifting winch. Max Height 8.5m. Rotation 340°	
	Prime Rating @ 25°C	63Amp / 15kVA / 12kW			
	System Voltage	24V			
	Input back up charging point	1 x16A single phase IP67 CEE Socket outlet, RCBO protected			

CONTROLS	System Controls (All models)	<p>Remote telemetry connection via local WiFi or 4G internet connection.</p> <p>Controlled by App. (Android or Apple)</p> <ul style="list-style-type: none"> • Low battery alarm & monitoring. • Enhanced system management. • Ability for users to program custom logic sequences. • System commissioning/decommissioning assistants. • Troubleshooting assistants & diagnostics. • User friendly graphical performance & event logs. • Enhanced environmental control. • Remote communication, monitoring & control.
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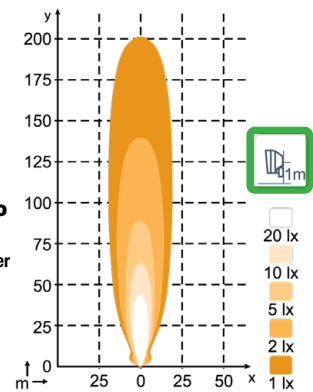
LIGHTING SPREAD / ANGLES & HEIGHTS

HIGH elevation Pointing down



1 LAMP Others in group cover more area

LOW elevation Pointing Horizontal



1 LAMP Others in group cover more area

Award winning welfare Designed & built in the UK



VISIT easycabin.co.uk CALL 01582 486663 EMAIL info@easycabin.co.uk



FOOTNOTES

- Solar panels achieve maximum output in direct sunlight, but they work in normal daylight and cloudy weather too. The amount of power a 48v solar panel or charging kit generates in cloudy weather will be lower compared to direct sunlight. Also the positioning of the cabin will affect the solar charging of the batteries i.e. under trees, etc. Solar assessment is based at Luton, Bedfordshire, UK.
- This assessment is guidance ONLY. As part of our on-going commitment to improvement we reserve the right to alter specifications, designs or figures, without prior notice. All dimensions and weights are approximate.