



SOLAR OWL

www.zecoenergy.com.au

SOLAR OWL

Mobile Lighting Tower

► Zero cost ► Zero carbon ► Zero noise ► Smart Technology

INTRODUCING THE SOLAR OWL

The SOLAR OWL lighting tower takes mobile solar energy to a new level.

The SOLAR OWL generates its own energy, stores it and then supplies it when it is needed, ensuring you have adequate lighting to meet your needs at all times.

There is no need for a diesel engine to supplement any power: the SOLAR OWL uses premium solar panels with the latest lithium-ion energy storage technology, supplying you with cost-effective energy efficient LED lights and creating true "green" powered lighting.

FEATURES

As soon as the sun rises, the SOLAR OWL automatically begins generating solar PV (energy). The current battery storage will provide energy for three 12-hour shift operations without battery charge, even in the cold and short winter days. In addition, 48V DC extra-low voltage avoids test and tag requirements.



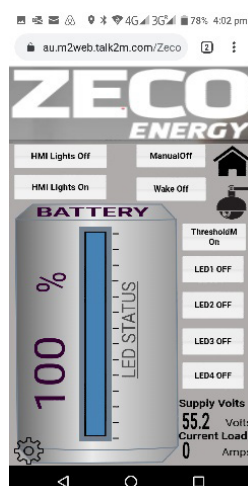
Australian design and manufacturing

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Simple one person operation

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Option for additional lighting



SMART TECHNOLOGY

- Monitor and control remotely through ZECO proprietary technology accessible through mobile device.
- Fleet and monitoring control
- Light and motion sensor operation
- GPS location and tracking

NO DIESEL NO NOISE NO REFUELING

NO ENGINE SERVICING NO CARBON FOOTPRINT

SOLAR PANELS

Solar panel capacity	4.44kW
Solar charge controller	2 x MPPT-48V - 60A
Panels	12 x 370W mono-crystalline (60 cell)

LIGHTING

Capacity	4 x 200W (option for 5-8 lights)
Output	104,000 lumens

TRAILER

Axles	Tandem
Finish	Galvanised

MAST SYSTEM

Mast height	10 metres
Mast operation	Hydraulic
Mast rotation	270°
Light head tilt	Included

BATTERIES

Type	Lithium-ion Phosphate
Chemistry	LiFePO4
Battery bank capacity	24kWh-48V
Depth of discharge (DOD)	90%

DIMENSIONS

Overall width stowed	2,400 mm
Overall length stowed	6,681 mm
Overall height stowed	3,503 mm
Overall width deployed	5,840 mm
Overall length deployed	6,681 mm
Overall height stowed	10,000 mm
Wind load certified	100 km / hr
Weight	2,900 kg



OPTIONS

- 1-4 additional 200W LED lights or larger 300W or 400W lights
- Spare wheel
- 75 mm ring hitch
- 5 spoke wheels
- Dry chemical fire extinguisher with quick release bracket (4.5 or 9 kg)
- Beacon
- Hi-vis identification kit
- Wheel chocks

GET IN TOUCH

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ZECO

ENERGY

Zero Cost Zero Carbon

ABOUT ZECO ENERGY

ZECO Energy is a specialist in solar and battery storage solutions for your home, commercial building and mobile applications. It is the authorised distributor and technical support and service centre for SAMSUNG batteries, Hansol inverters, Q CELL inverters and batteries, and Delta Electronics inverters and batteries.