



# EcoCivil Solar Lighting Towers

## Mini - Tilting Pole

### Applications

- Car Parks
- Way Marking
- Special Events
- Road Construction
- Temporary Access Lighting
- Emergency Lighting
- Entry Lighting

The EcoCivil – Mini Solar Tower with its base hinged pole is a fast and cost-effective solution for locations where lighting is needed for temporary or semi-permanent use. It is offered in several wattages to suit a range of applications and can be set up by one person. It is used extensively for temporary access ways, road construction projects, way marking and overflow car parks. Contact the Vizona team about the best solution to suit your specific requirements.

### Advantages

#### Reliable

Not dependent on mains power

#### Zero Running Cost

Solar powered

#### Easy to Set-up

Telescopic pole with 360° lamp swivel

#### Safe

Lighting where power isn't available

#### Environmentally Smart

Zero carbon emissions

#### Heavy Duty Batteries

Lithium-Ion LiFeO4

#### Excellent Autonomy

4 days back-up in overcast conditions

#### Robust Construction

Built for harsh worksite conditions

#### Vizona 100% Australian Owned

Support local industry



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## Mini - Tilting Pole

### Technical Specifications



60 Watt Solar Lamp



40 Watt Solar Lamp



20 Watt Solar Lamp

### Specification

Details	EcoCivil Mini 60	EcoCivil Mini 40	EcoCivil Mini 20
<b>Light</b>			
LED Power	60 Watts (30W Constant)	40 Watts (20W Constant)	20 Watts (10W Constant)
Efficiency	150 Lumens / Watts	150 Lumens / Watts	150 Lumens / Watts
LED Lifetime	Over 50000 Hours LM80	Over 50000 Hours LM80	Over 50000 Hours LM80
<b>Battery</b>			
Type	Lithium Iron Phosphate LiFePo4 - 26650	Lithium Iron Phosphate LiFePo4 - 26650	Lithium Iron Phosphate LiFePo4 - 26650
Capacity	42 AH 12.8 VOLTS	24 AH 12.8 VOLTS	18 AH 12.8 VOLTS
Autonomy	Over 24 Hours At Full Charge 4 Days Back Up Overcast Conditions	Over 24 Hours At Full Charge 4 Days Back Up Overcast Conditions	Over 24 Hours At Full Charge 4 Days Back Up Overcast Conditions
Charging time	6-7 HOURS	6-7 HOURS	6-7 HOURS
Lifespan	Over 4000 Cycles @ 80% Dod Over 10 Years Lifetime	Over 4000 Cycles @ 80% Dod Over 10 Years Lifetime	Over 4000 Cycles @ 80% Dod Over 10 Years Lifetime
Working Temp.	-10°C to 70 °C	-10°C to 70 °C	-10°C to 70 °C
<b>Solar Panel</b>			
Power	105 Watts /18V	72 Watts /18V	60 Watts /18V
Cell type	Monocrystalline Panel Grade a 25 Years	Monocrystalline Panel Grade a 25 Years	Monocrystalline Panel Grade a 25 Years
Size	1571mm x 398mm x 43mm	1103mm x 398mm x 43mm	910mm x 398mm x 43mm
<b>Concrete Block</b>			
Size	770mm x 770mm x 500mm	770mm x 770mm x 500mm	770mm x 770mm x 500mm
Weight	650kg	650kg	650kg
<b>Mast</b>			
Number of extensions	1 Sections	1 Sections	1 Sections
Operation	Manual	Manual	Manual
<b>Mast Height</b>			
Folded	650mm	650mm	650mm
Extended	4500mm	4500mm	4500mm

## Pole Installation

