



EcoCivil Solar Lighting Towers

Foldable Mast

Applications

Temporary solar lighting towers are portable lighting solutions that are powered by solar panels. They are commonly used in a wide range of applications where temporary lighting is required, particularly in areas where mains power is not readily available or where it is impractical to install permanent lighting infrastructure. Some common applications for temporary solar lighting towers include:

- Mine Sites
- Construction Sites
- Special Events
- Emergency Response
- Military Operations
- Temporary Car Parks

Overall, temporary solar lighting towers are a versatile and portable lighting solution that can be used in a variety of applications where temporary lighting is required.



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Technical Specifications



60 Watt Solar Lamp



100 Watt Solar Lamp

Specification

Details	EcoCivil 100	EcoCivil 60
Light		
LED Power	100 Watts	60 Watts
Efficiency	150 Lumens / Watts	150 Lumens / Watts
LED Lifetime	Over 50000 Hours LM80	Over 50000 Hours LM80
Battery		
Type	Lithium Iron Phosphate LiFePo4 - 26650	Lithium Iron Phosphate LiFePo4 - 26650
Capacity	62 AH 12.8 VOLTS	42 AH 12.8 VOLTS
Autonomy	Over 24 Hours At Full Charge	Over 24 Hours At Full Charge
	4 Days Back Up Overcast Conditions	4 Days Back Up Overcast Conditions
Charging time	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
Working Temp.	-10°C TO 70 °C - (Optional -40°C TO 70 °C)	-10°C TO 70 °C - (Optional -40°C TO 70 °C)
Solar Panel		
Power	140 Watts /18V	105 Watts /18V
Cell type	Monocrystalline Panel Grade a 25 Years	Monocrystalline Panel Grade a 25 Years
Size	1408mm x 565mm x 43mm	1570mm x 400mm x 43mm
Concrete Block		
Size	1200mm x 1200mm x 600mm	900mm x 900mm x 500mm
Weight	1900kg	900kg
Folding Pole		
Height	4000mm/6000mm	4000mm/6000mm
Operation	Manual	Manual
Lamp Height		
Pole & Block	5100mm/7200mm	5100mm/7200mm