

Li-Fi

S1.0P

1000W SOLAR LIGHTING TOWER



Designed as a low voltage LED Light Tower, the **Portable Solar Light Tower** introduces a difference in night-time lighting. Green, efficient, and noiseless lighting can be placed nearly anywhere and is self maintaining.

KEY FEATURES

- ✓ 6 Meter collapsible tower
- ✓ 900-1000 Watt Solar Array
- ✓ 480-600 Watt LED System
- ✓ 12000 Lumens
- ✓ MPPT Charge Controller
- ✓ 48V 150 AH AGM Battery Bank
- ✓ Control with Smart Phone
- ✓ Optional CCTV Camera (Optional)



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Trailer

Height	7 Meter(Mast Up)/ (2.5Meter Mast Up)
Width	~ 2 Meter
Length	~ 4 Meter
Weight	~ 1000 KG
Wind Resistance Deployed	75 MPH

Solar Panel

Rated Power	320 Watts	Temp Coefficient Isc	(0.052+/- 0.01)%/ °C
Voc	45.96 Volts	Temp Coefficient Voc	-(0.310+/- 0.01)%/ °C
Vop	37.65 Volts	Temp Coefficient Power VOC	- 0.310%/°C
Isc	9.03 Amps	Temperature Range	-40°C to + 85°C
Iop	8.5 Amps	Frame	Heavy Aluminum
Output Tolerance	+/- 3%	No. of SPV	3
Dimensions	1955 × 982 × 36 mm	Weight	20.5 Kg.

Battery Capacity

Battery	12V 150AH AGM 4 Nos
Nominal Voltage of System	48VDV
Operating time Backup hour	12 Hours

Solar Charge Controller

800 Watts Power Output
5KW Surge Rating
20A Max. output current
Thermal protection / Overload shutdown

LED Lighting

Voltage: 48 VDC	Luminary type: Canopus-S 150W
Power Draw: 150 W	Integrated LED DRIVER
CCT: 6500K No. Of Lights	Beam angle: 60 Degree 4 Nos
Life Cycle: 50,000Hrs	Optical efficiency: 88%
Lumen Output:12,000 lm	Lens type: Borosilicate material