

Li-Fi

S2.4P

2400W 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

- ✓ 10 Meter collapsible tower
- ✓ 2400-2500 Watt Solar Array
- ✓ 1200 Watt LED System
- ✓ 24000 Lumens
- ✓ MPPT Charge Controller
- ✓ 96V 150 AH AGM Battery Bank
- ✓ Control with Smart Phone
- ✓ Optional CCTV Camera (Optional)



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Trailer

| | |
|--------------------------|---------------------------------------|
| Height | 10 Meter(Mast Up)/ (2.5Meter Mast Up) |
| Width | ~ 4 Meter |
| Length | ~ 8 Meter |
| Weight | ~ 2500 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 | 6 |
| Dimensions | 1955 × 982 × 36 mm | Weight | 20.5 Kg. |

Battery Capacity

| | |
|----------------------------|---------------------|
| Battery | 12V 150AH AGM 8 Nos |
| Nominal Voltage of System | 96VDV |
| Operating time Backup hour | 12 Hours |

Solar Charge Controller

| |
|--|
| 1600 Watts Power Output |
| 5KW Surge Rating |
| 20A Max. output current |
| Thermal protection / Overload shutdown |

LED Lighting

| | |
|------------------------|----------------------------------|
| Voltage: 96 VDC | Luminary type: Canopus-S 150W |
| Power Draw: 150 W | Integrated LED DRIVER |
| CCT: 6500K | Beam angle: 60 Degree |
| No. Of Lights | 8 Nos |
| Life Cycle: 50,000Hrs | Optical efficiency: 88% |
| Lumen Output:24,000 lm | Lens type: Borosilicate material |