

PowerSite XL400 | Solar Tower

400W | 60,000Lms | 23Ft



A solar tower equipped with lighting and energy storage solutions provides an efficient, eco-friendly, and reliable source of illumination for various outdoor applications. This particular solar tower setup includes four 100W floodlights, powered by a 3x455W solar panel, and backed by 4x200Ah (amp-hour) batteries.



LED Lamp

Lamps Wattage	4*100W
Light Output	400W
Luminosity	60,000Lms
Rated Voltage	DC24V
LED Life Time	>50,000hrs
Light Bar Rotation	Manual (90° Electric Tilting, 350° Electric Rotation Optional)
Protection Class	IP67

Power

Batteries	4x200Ah
Battery Capacity	9600Wh
Battery Type	Deep Cycle Gel Batteries
Recharge Time	8 hrs
Running Time	24 hrs

Solar Panel

Solar Panel	3 × 455W
Panel Lifting	30°~38°, Electric Lifting
Dimension	2.094m*1.038m*3
Extending Area	6.52m ²
PV Controller	60A MPPT, 95% Efficiency
Mounting	Aluminium Frame

Solar Charging Controller

Type	Automatic MPPT Controller
Rated Current	53A
Rated Voltage	24V
Floating Charge Voltage	24.8V
Self-Power Consumption	≤30mA
Ambient Temperature	-4°F~58°F

Mast

Max. Extended Height	22.9Ft
Retracted Height	8.8Ft
Mast	22.9Ft 5 Sections
Mast Extension	Manual (1,500lbs Hand Winch/Electric 3,000lbs Winch)
Mast Cable	4*2.5mm TPU
Forklift Holes	2 pcs
Tires/Wheel Chock	2*21575R15LT

Packaging

Dimension	139.7*64.9*110.2In
Weight	2580Lbs
Ground Clearance	22.9Ft
20GP container	3 units
40HQ container	7 units

Model Number	AVS-PSXL400
SKU	599004

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PowerSite XL600 | Solar Tower

600W | 90,000Lms | 23Ft



A solar tower equipped with lighting and energy storage solutions provides an efficient, eco-friendly, and reliable source of illumination for various outdoor applications. This particular solar tower setup includes six 100W floodlights, powered by a 3x455W solar panel, and backed by 6x200Ah (amp-hour) batteries.



LED Lamp

Lamps Wattage	6*100W
Light Output	600W
Luminosity	90,000Lms
Rated Voltage	DC24V
LED Life Time	>50,000hrs
Light Bar Rotation	Manual (90° Electric Tilting, 350° Electric Rotation Optional)
Protection Class	IP67

Power

Batteries	6x200Ah
Battery Capacity	14400Wh
Battery Type	Deep Cycle Gel Batteries
Recharge Time	8 hrs
Running Time	35 hrs

Solar Panel

Solar Panel	3 × 455W
Panel Lifting	30°~38°, Electric Lifting
Dimension	2.094m*1.038m*3
Extending Area	6.52m ²
PV Controller	60A MPPT, 95% Efficiency
Mounting	Aluminium Frame

Solar Charging Controller

Type	Automatic MPPT Controller
Rated Current	53A
Rated Voltage	24V
Floating Charge Voltage	24.8V
Self-Power Consumption	≤30mA
Ambient Temperature	-4°F~58°F

Mast

Max. Extended Height	22.9Ft
Retracted Height	8.8Ft
Mast	22.9Ft 5 Sections
Mast Extension	Manual (1,500lbs Hand Winch/Electric 3,000lbs Winch)
Mast Cable	4*2.5mm TPU
Forklift Holes	2 pcs
Tires/Wheel Chock	2*21575R15LT

Packaging

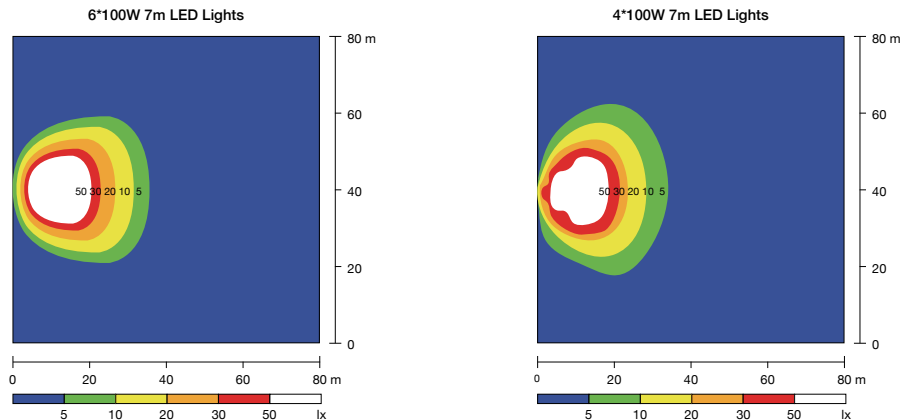
Dimension	139.7*64.9*110.2In
Weight	3086Lbs
Ground Clearance	22.9Ft
20GP container	3 units
40HQ container	7 units

Model Number	AVS-PSXL600
SKU	599005

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Light Distribution

Multiple configurations of lights, solar panels and accessories are available for customization. Equipped with ultra-bright LED lights, OPTRAFFIC Solar Light Tower provides the optimal lighting solution that covers large areas up to 27,000 square feet. The gradient distribution ensures sufficient light within certain areas for practical applications.



WEB System

Connected with advanced WEB system, the Solar Light Tower can be operated and monitored online via 4G network. The key parameters are integrated in the system, including brightness level, battery power, temperature, and GPS location.



Features

- High Brightness Energy-Efficient LED Lighting
- Zero noise emissions
- 360° Adjustable and Tiltable Light Fixtures
- Long-Lasting Operation with Low Power Consumption
- Extendable Mono-Crystalline Solar Panels
- Automatic Solar Charging with MPPT Controller
- Easy to Operate, One-Man Deployable
- Compact Structure for Easy Transportation
- Hot-Galvanized and Anti-UV Powder Coated
- Maintenance-Free Gel Batteries

Tiltable LED Lights



Solid Support Structure



Anti-UV Powder Coated Finish



No Emissions



No Engine



No Noise



No Fuel



No Odour



Maintenance Free



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