



MOBILE POWER SOLUTION

- Mobile Solar Lighting Trailer
- Mobile Solar Surveillance Trailer
- Mobile Solar Generator Trailer
- Mobile Solar Telecom Trailer
- . Mobile Camping Trailer



Ecosight Power Technology Co.,Ltd

Ecosight Power Technology Co.,Ltd.is a professional provider of innovative mobile solar trailer solutions, dedicated to delivering reliable, sustainable, and efficient power sources for a wide range of applications. Our company has been at the forefront of the renewable energy industry, combining cutting-edge technology with practical mobility to meet the diverse needs of our clients.

Portab Tower

- Installation free
- Maintenance free
- Environmental friendly
- Affordable Price



PANEL ANGLE ADJUSTABLE

Specially designed durable solar panel mounting brackets with adjustable angle rotation. Customers can adjust the solar panel angle according to the direction of the sun in order to make better use of solar energy.



SURVEILLANCE SOLUTION

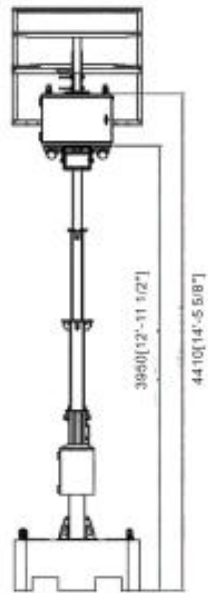
The portable tower can be equipped with cameras security guard and remote monitoring for working site or events.

PRODUCT SKETCH

MAIN FEATURES

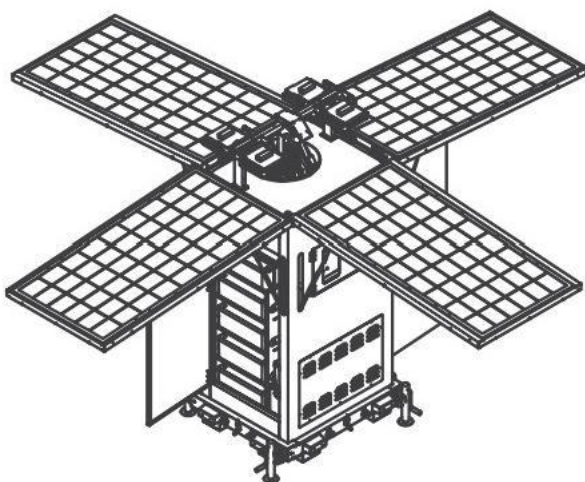
CUSTOMIZED DESIGN

1. Option1: we supply solar tower with cameras or lights according to customer's requirements.
Option2: Customer can install cameras or lights on the solar tower locally
2. The solar panel can be angle adjustable by hand.
3. meter galvanized telescopic mast with manual lifting
4. Nice base for pouring sand to keep stability
5. Durable base with 4 forklift holes and HIAB hooks for easy relocation
6. Customized colors to match client's requirement available



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PRODUCT SKETCH

TECHNICAL DATA

Models	ES2P-G7EHCS	ES3P-G7EHCS	ES4P-G9EHCS	ES3P-G7EHCL400	ES4P-G9EHCL600
Solar Panel Type	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon
Solar Panel Wattage	2*350W	3*350W	4*350W	3*350W	4*350W
PV Controller	Epever/Victron MPPT	Epever/Victron MPPT	Epever/Victron MPPT	Epever/Victron MPPT	Epever/Victron MPPT
Battery Type	Lead Acid Battery	Lead Acid Battery	Lead Acid Battery	Lead Acid Battery	Lead Acid Battery
Battery QTY	4*150AH, DC12V	6*150AH, DC12V	8*150AH, DC12V	6*150AH, DC12V	8*150AH, DC12V
Battery Capacity	7200Wh	10800Wh	14400Wh	10800Wh	14400Wh
System Voltage	DC24V	DC24V	DC48V	DC24V	DC48V
Devices	CCTV Mounting Box For Surveillance System			4*100WLED Lights, 60000Lums	4*150WLED Lights, 90000Lums
Spring Cables	Network Cable+Power Cable	Network Cable+Power Cable	Network Cable+Power Cable	Power Cable	Power Cable
Telescopic Mast	7 Meters	7 Meters	9Meters	7 Meters	9 Meters
Lifting System	Electric Winch	Electric Winch	Electric Winch	Electric Winch	Electric Winch
AC Charger	15KW	1.5KW/2.5KW	1.5KW/2.5KW	1.5kW/2.5kW	1.5kW/2.5KW
Outrigger	4pcs Manual Outriggers, Foldable				
Working Temperature	-25° C-60° °C	-25C-60° °C	-25° C-60°C	-25°C-60°C	-25° °C-60°C
Charging Time	8.6 Hours(Theoretical)	8.6 Hours(Theoretical)	8.6 Hours(Theoretical)	8.6 Hours (Theoretical)	8.6 Hours(Theoretical)
Running Time	72Hours for 80W	72Hours for 120W	72Hours for 120W	21.6 Hours for 400W	19.2 Hours for 600W
Optional	Cameras, 4G Router, NVR, Speaker, Remote Control, Antenna, Inverter, 360° Rotation And 90° Tilt, Lithium Battery				
Transport Dimensions	1362*1028*2176mm	1362*1028*2176mm	1362*1028*2176mm	1362*1028*2176mm	1362*1028*2176mm
Operate Dimensions	4839*4148*7000mm	5155*4839*7000mm	5155*4839*7000mm	5155*4839*7000mm	5155*4839*7000mm
Gross Weight	900KG	1000KG	1150KG	1000KG	1150KG
Container Loading	20GP:8pcs, 40HQ:16pcs	20GP:8pcs, 40HQ:16pcs	20GP:8pcs, 40HQ:16pcs	20GP:8pcs, 40HQ:16pcs	20GP:8pcs, 40HQ:16pcs

MOBILE SOLAR LIGHT TOWER



HIGH EFFICIENCY LED LIGHT

HiLIGHT series solar lighting tower is equipped with high efficiency LED load light to guarantee optimal use of the battery and solar system.

360° ROTATION & 90° TILT

All lights can be 360° rotated and 90° tilted so it can be easily transported and deployed for temporary work site. Customer can adjust ideal lighting angle according on-site situation.

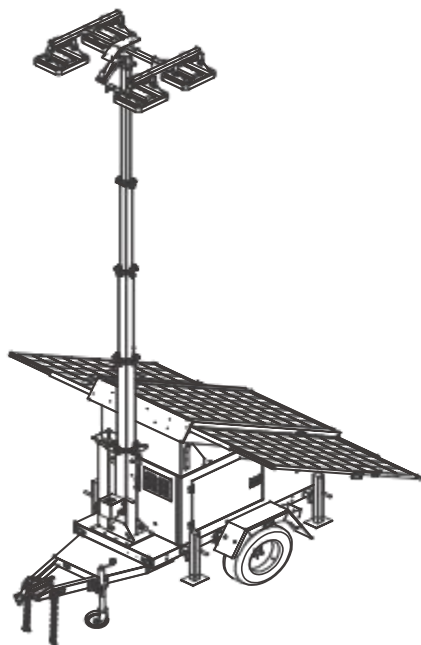
DIMMABLE LIGHTING

The lighting time and brightness can be setup by MPPT controller. The lights can be equipped with motion sensor for dimming.

MOBILE SOLAR TRAILER

The lighting tower is mounted on the mobile solar trailer so it can be easily transported and deployed for temporary work site. The whole system is heavy duty design for utility working.

PRODUCT SKETCH



TECHNICAL DATA

Models	ES2P-ML400	ES3P-ML600	ES4P-ML600	ES6P-ML1200	ES8P-ML1500
Light Wattage	4*100W LED Lights	4*150W LED Lights	4*150W LED Lights	6*200W LED Lights	6*250W LED Lights
Lights Output	DC24V, 60000Lumens	DC24V, 90000Lumens	DC24V, 90000Lumens	DC48V, 180000Lumens	DC48V, 225000Lumens
Solar Panel Type	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon
Solar Panel Wattage	2*435W	3*435W	4*435W	6*435W	8*435W
PV Controller	MPPT 40A, 95% Efficiency	MPPT 60A, 95% Efficiency	MPPT 40A, 95% Efficiency	MPPT 60A, 95% Efficiency	MPPT 80A, 95% Efficiency
Battery Type	Lead Acid Battery	Lead Acid Battery	Lead Acid Battery	Lead Acid Battery	Lead Acid Battery
Battery QTY	4*150AH, DC12V	6*150AH, DC12V	8*150AH, DC12V	12*150AH, DC12V	16*150AH, DC12V
Battery Capacity	7200WH	10800WH	14400WH	21600WH	28800WH
System Voltage	DC24V	DC24V	DC48V	DC48V	DC48V
Maximum Height	6 Meters	7 Meters	9 Meters	9 Meters	12 Meters
Wind Rating Speed	117KM/H	117KM/H	117KM/H	117KM/H	117KM/H
Lifting System	Manual	Manual	Electric	Hydraulic	Hydraulic
Axle No.	Single	Single	Single	Dual	Dual
Tyre and Rim	14 Inch	15 Inch	15 Inch	15 Inch	15 Inch
Stabilizer Leg	4pcs Manual	4pcs Manual	4pcs Manual	4pcs Manual	4pcs Manual
Tow Hitch	50mm Ball/ 70mm Ring	50mm Ball/ 70mm Ring	50mm Ball/ 70mm Ring	50mm Ball/ 70mm Ring	50mm Ball/ 70mm Ring
Working Temperature	-25°C-60°C	-25°C-60°C	-25°C-60°C	-25°C-60°C	-25°C-60°C
Charging Time	6.9 Hours	6.9 Hours	6.9 Hours	6.9 Hours	6.9 Hours
Running Time	14.4 Hours	14.4 Hours	19.2 Hours	14.4 Hours	15.4 Hours
Optional	360° Rotation And 90° Tilted, Lithium Battery, Battery Charger, Inverter, Remote Control, Back-up Generator, Wind Turbine				
Transport Dimensions	2900*1500*2500mm	3200*1600*2500mm	3250*2200*2700mm	3700*2300*2500mm	3700*2300*2500mm
Operate Dimensions	2900*2500*6000mm	3200*3400*7000mm	3250*4400*9000mm	3700*6500*9000mm	4700*6500*12000mm
Gross Weight	1000KG	1450KG	1600KG	2400KG	2860KG
Container Loading	20GP: 6pcs, 40HQ: 14pcs	20GP: 3pcs, 40HQ: 7pcs	20GP: 2pcs, 40HQ: 5pcs	20GP: 2pcs, 40HQ: 4pcs	20GP: 2pcs, 40HQ: 4pcs

Mobile Solar CCTV Tower

public events or any off-grid location that requires video monitoring.

- Social events Temporary portable security
- parking lot security and remote monitoring
- Construction Site Security
- Solar Farms security and remote monitoring
- Farms security and remote monitoring
- Ports and Airports mobile Security
- Boarder patrol locations Monitoring
- Traffic Monitoring / Vehicle Counting



CCTV MOUNTING

CCTV mounting box is ready on top of the surveillance trailer tower. Customer can mount bullet cameras and PTZ dome cameras as their like. 4G Router, Antenna and Speaker can be mounted on the box too.



LIGHTS&CAMERAS MOUNTING

For comprehensive on-site working needs, we have specially designed the mounting box with arms for both lights and cameras mounting. Net cable+ power cables are ready on the top of tower.



BACK-UP GENERATOR

Our mobile surveillance trailer can be equipped with back-up generator, so it can continuously work in rainy or cloudy days to protect your assets even there is no sun.

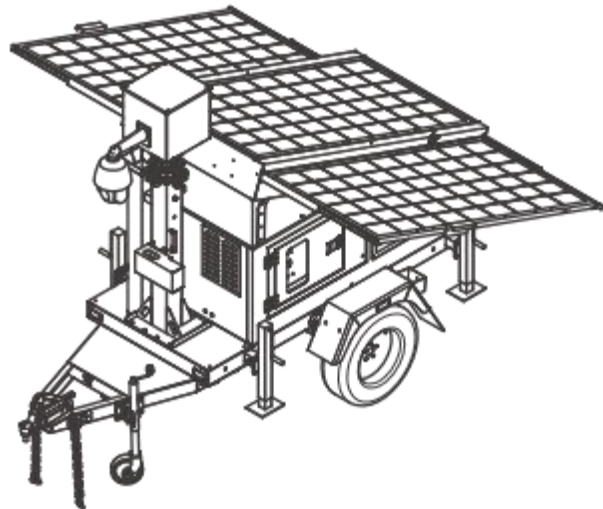


AC POWER INPUT&OUTPUT

International standard input plugs or output sockets are equipped. The inverter and battery charger are optional for customer's needs, so the trailer can be charged by utility AC power when there is no sun or supply power for charging other electronics.

PRODUCT SKETCH

TECHNICAL DATA



Models	ES1P-M	ES2P-M	ES3P-M	ES4P-M	ES6P-M
Solar Panel Type	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon	Monocrystalline Silicon
Solar Panel Wattage	1*435W	2*435W	3*435W	4*435W	6*435W
PV Controller	MPPT 40A, 95% Efficiency	MPPT 40A, 95% Efficiency	MPPT 60A, 95% Efficiency	MPPT 60A, 95% Efficiency	MPPT 80A, 95% Efficiency
Battery Type	Lead Acid Battery	Lead Acid Battery	Lead Acid Battery	Lead Acid Battery	Lead Acid Battery
Battery QTY	2*150AH, DC12V	4*150AH, DC12V	6*150AH, DC12V	8*150AH, DC12V	12*150AH, DC12V
Battery Capacity	3600WH	7200WH	10800WH	14400WH	21600WH
System Voltage	DC12V	DC24V	DC24V	DC48V	DC48V
CCTV Mounting	Junction Box with PoE Switch	Junction Box with PoE Switch	Junction Box with PoE Switch	Junction Box with PoE Switch	Junction Box with PoE Switch
Spring Cables	2*Cat6 + 2* Power Supply	2*Cat6 + 2* Power Supply	2*Cat6 + 2* Power Supply	2*Cat6 + 2* Power Supply	2*Cat6 + 2* Power Supply
Maximum Height	6 Meters	6 Meters	7Meters	9 Meters	9 Meters
Wind Rating Speed	117KM/H	117KM/H	117KM/H	117KM/H	117KM/H
Lifting System	Manual	Manual	Manual	Electric	Electric
Axle No.	Single	Single	Single	Single	Dual
Tyre and Rim	14 Inch	14 Inch	15 Inch	15 Inch	15 Inch
Stabilizer Leg	4pcs Manual	4pcs Manual	4pcs Manual	4pcs Manual	4pcs Manual
Tow Hitch	50mm Ball/ 70mm Ring	50mm Ball/ 70mm Ring	50mm Ball/ 70mm Ring	50mm Ball/ 70mm Ring	50mm Ball/ 70mm Ring
Working Temperature	-25°C-60°C	-25°C-60°C	-25°C-60°C	-25°C-60°C	-25°C-60°C
Charging Time	6.9 Hours	6.9 Hours	6.9Hours	6.9 Hours	6.9 Hours
Running Time	3 Days for 40W	3 Days for 80W	3 Days for 120W	3 Days for 160W	3 Days for 240W
Optional	Cameras, 4G Router, NVR, Remote Control, Antenna, AC Battery Charger, Inverter, Back-up Generator, Lithium Battery				
Transport Dimensions	2900*1500*2500mm	2900*1500*2500mm	3200*1600*2500mm	3250*2200*2700mm	3700*2300*2500mm
Operate Dimensions	2900*2500*6000mm	2900*2500*6000mm	3200*3400*7000mm	3250*4400*9000mm	3700*6500*9000mm
Gross Weight	750KG	950KG	1300KG	1550KG	2350KG
Container Loading	20GP: 6pcs, 40HQ: 14pcs	20GP: 6pcs, 40HQ: 14pcs	20GP: 3pcs, 40HQ: 7pcs	20GP: 2pcs, 40HQ: 5pcs	20GP: 2pcs, 40HQ: 4pcs

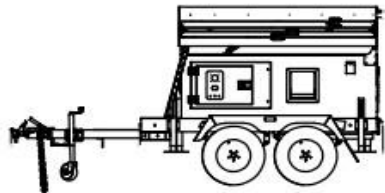
Mobile Solar Generator trailer

POWER Mobile solar generator is a portable power system that uses solar panels to convert sun's energy into DC electricity and store that electricity power in batteries for later use. With inverters, the power in batteries can be used for charging electronics.

ECOSIGHT mobile solar generator mounted on trailer has larger capacity to support your applications. It is a good alternative to diesel or petrol generator with clean, renewable energy and low maintenance, but longer life time.



PRODUCT SKETCH



TECHNICAL DATA

Models	ES8P-M			
Solar Panel Type	Monocrystalline Silicon			
Solar Panel Wattage	8*435W			
PV Controller	MPPT 80A, 95% Efficiency			
Battery Type	Lead Acid Battery			
Battery QTY	16*150AH, 12V			
Battery Capacity	28800WH			
System Voltage	DC48V			
Inverter	8KW/8KW 50/60HZ, pure sine wave			
Input Plug	1xAC240V/AC120V			
Output Socket	3xAC240V/AC120V			
Axle No.	Dual			
Tyre and Rim	15 Inch			
Stabilizer Leg	4pcs Manual			
Tow Hitch	50mm Ball/ 70mm Ring			
Working Temperature	-25°C-60°C			
Charging Time	6.9 Hours			
Running Time	2.9 hrs for 8kW			
Optional	Antenna, Mast, Router, Wifi, GPRS, Battery Charger, Inverter, Back-up Generator, Wind Turbine			
Transport Dimensions	2600*2200*2200 mm			
Operate Dimensions	5800*6400*2300mm			
Gross Weight	2600KG			
Container Loading	20GP: 2pcs, 40HQ: 4pcs			

Camping Trailer



PRODUCT PICTURE

TECHNICAL DATA



Overall dimension:	3000*1600*1620mm
Box size:	1500*1000*500mm
Tool box size:	890*405*490mm
Payload:	750KGS
Dead load:	526KGS
Shock absorption:	independent suspension
Tyre:	235/75R15 Off-road tire
Rim:	15 "aluminum alloy rims
Guide Wheel Outrigger:	8"
Front support legs:	2
Traction:	2"
Braking:	electromagnetic brake
Lamps and lanterns:	12V LED taillight, 7-pin plug
Cooking utensil:	Draw integrated stainless steel kitchenware
Cistern:	40L
Roof rack:	1
Spare tire:	1
Tent:	1
Safety chain:	2
Water pump:	1
Battery:	No
Surface treatment:	baking varnish
Colour:	Light grey/dark grey(Optional)



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