

CATALOGUE

MOBILE SOLAR TRAILERS

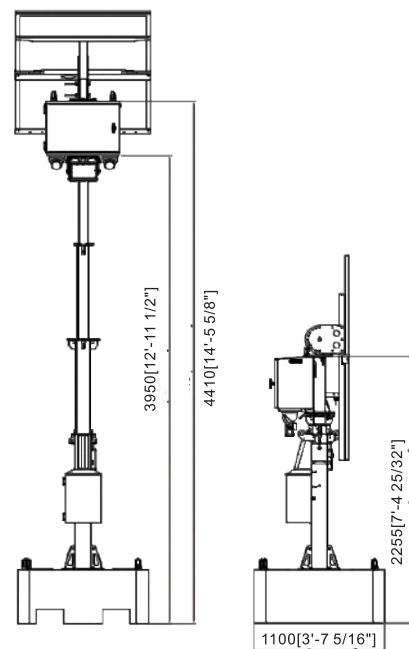
Mobile and self-sufficient
energy solutions.

SolarPost – SolarFlex – SolarTower



SolarPost Series

Portable solar lighting and surveillance



Installation free

Maintenance free

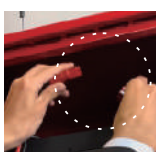
Environmental friendly

MAIN FEATURES



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.



FRIENDLY DESIGN

Pluggable lithium battery design is easy for customer who want use their own LifePO4 battery.



DIMMING LED LIGHT

The portable tower with high efficiency LED lights and the lights are equipped with dimming sensor for energy saving lighting.



SURVEILLANCE SOLUTION

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

SolarPost Series

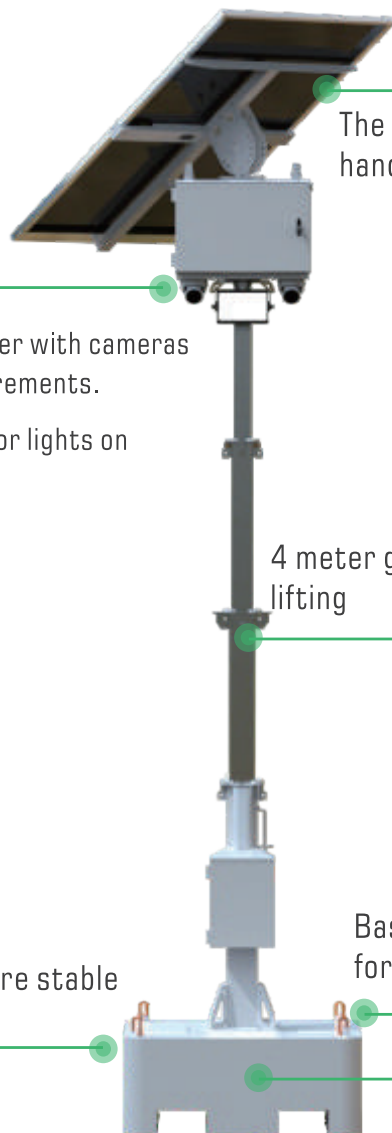
Portable solar lighting and surveillance

DETAILS

CUSTOMIZED DESIGN

Option1: Master Battery supplies solar tower with cameras or lights according to customer's requirements.

Option2: Customer can install cameras or lights on the solar tower locally.



The solar panel can be angle adjustable by hand

4 meter galvanized telescopic mast with manual lifting

Base with 4 forklift holes and hooks for easy transportation

Durable base with sands to keep more stable

Customized colors to match client's requirement available

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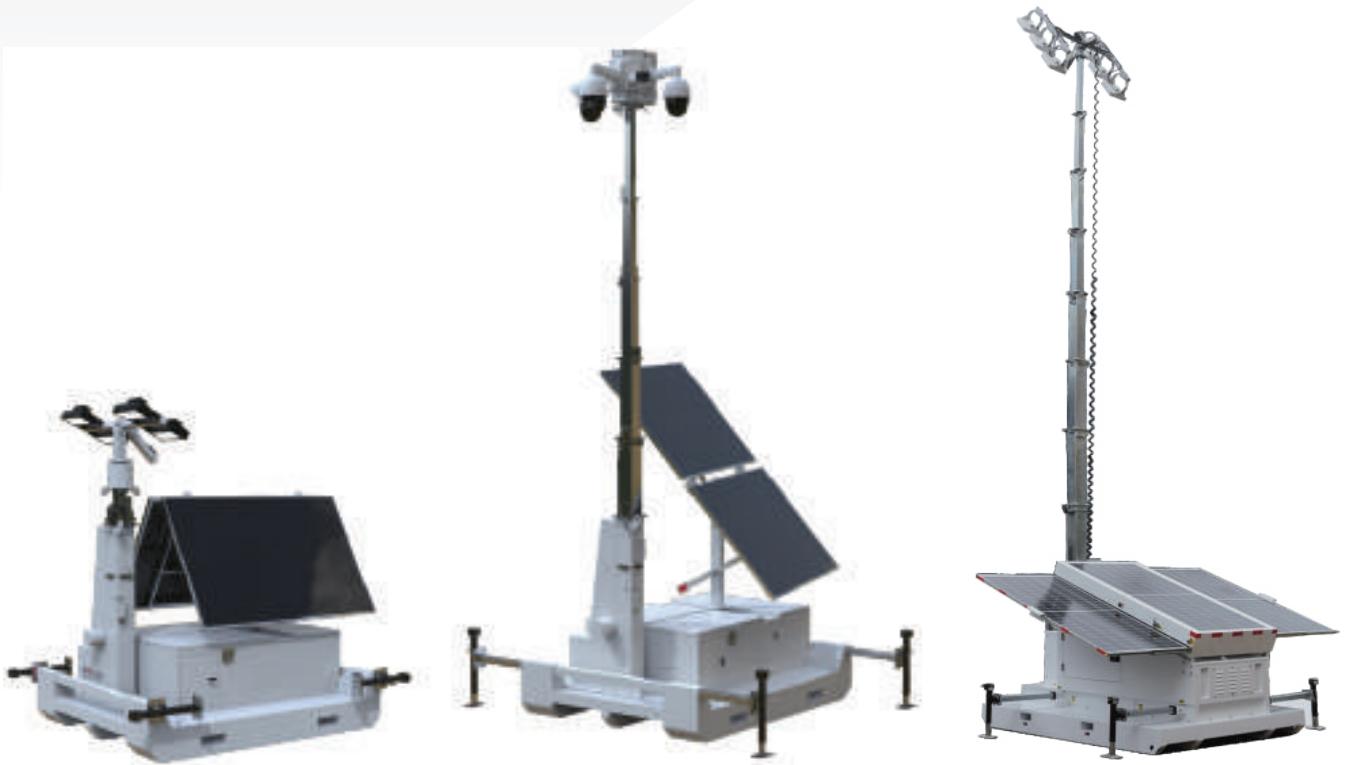
CONTAINER LOADING

Assembled: 10units for 20'GP container
20units for 40'HQ container

Disassembled: 14units for 20'GP container
32units for 40HQ container

SolarFlex Series

Portable solar lighting and surveillance



MAIN FEATURES



ROTATABLE SOLAR PANEL

The rotatable solar panels help maximize solar energy utilization. In addition, this design makes it easier to deploy the trailers, as the solar panels can be positioned for the best angle regardless of the trailer's orientation.

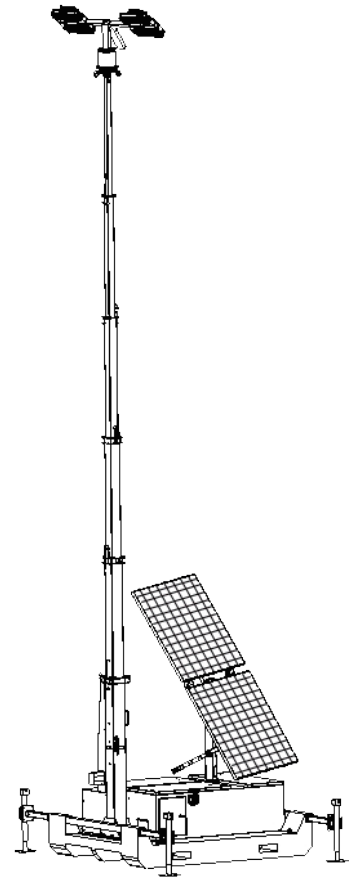


DURABLE BASE

The thick base, featuring forklift holes and a stable shape, ensures easy relocation and safe deployment. The hot-dip galvanized surface treatment provides excellent anti-corrosive properties, making it suitable for various environments.

SolarFlex Series

Portable solar lighting and surveillance



TECHNICAL DATA

Models	MB-2P-G7MHSSTD	MB-2P-G9EHSSTD	MB-2P-G7MHSPRD	MB-2P-G7MHL400PRD	MB-3P-G9EHL600D
Solar Panel Type	Monocrystalline Silicon Type, Dual Facial Version, Rotatable				
Solar Panel Wattage	2*450W	2*450W	2*600W	2*600W	3*450W
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*200AH,DC12V	4*200AH,DC12V	4*250AH,DC12V	4*250AH,DC12V	6*200AH,DC12V
Battery Capacity	9600Wh	9600Wh	12000Wh	12000Wh	14400Wh
System Voltage	DC24V, DC Voltage Converter Installed			DC24V	DC24V
Devices	CCTV Mounting Box For Surveillance System			4*100W LED Lights, 60000Lums	4*150W LED Lights, 90000Lums
Cables	Network Cable+Power Cable; Integrated Within The mast Or External Version Optional			Power Cable Integrated Within The Mast Or External for Option	
Telescopic Mast	7 Meters	9 Meters	7Meters	7 Meters	9 Meters
Lifting System	Manual Winch	Electric Winch	Manual Winch	Manual Winch	Electric Winch
AC Charger	1.5kW	1.5kW	1.5kW	1.5kW	1.5kW/2.5kW
Skid Type	Durable Base, With Forklift Holes And Lift Rings				
Outrigger	4pcs Manual Outriggers, Foldable, Y Shape				
Working Temperature	-25°C-60°C	-25°C-60°C	-25°C-60°C	-25°C-60°C	-25°C-60°C
Charging Time	8.9 Hours (Theoretical)	8.9 Hours (Theoretical)	8.5 Hours (Theoretical)	8.5 Hours (Theoretical)	8.5 Hours (Theoretical)
Running Time	72 Hours for 106W	72 Hours for 106W	72 Hours for 133W	72 Hours for 133W	24 Hours for 400W
Options	Cameras, 4G Router, NVR, Speaker, Remote Control, Antenna, Inverter, 360° Rotation And 90° Tilt for lights, Dimmable Lights, Lithium Battery				
Transport Dimensions	3270*1675*2475mm	3270*1675*2675mm	3780*1675*2475mm	3780*1675*2475mm	3250*1710*2620mm
Operate Dimensions	3290*3245*6900mm	3290*3245*8900mm	3800*3245*6900mm	3800*3245*6900mm	3250*3410*8900mm
Gross Weight	1120KG	1150KG	1170KG	1200KG	1450KG
Container Loading	20GP: 6 units, 40HQ: 14 Units	20GP: 6 units, 40HQ: 14 Units	20GP: 6 units, 40HQ: 14 Units	20GP: 6 units, 40HQ: 14 Units	20GP: 6 units, 40HQ: 14 Units

SolarTower Series

Portable solar lighting and surveillance



MAIN FEATURES



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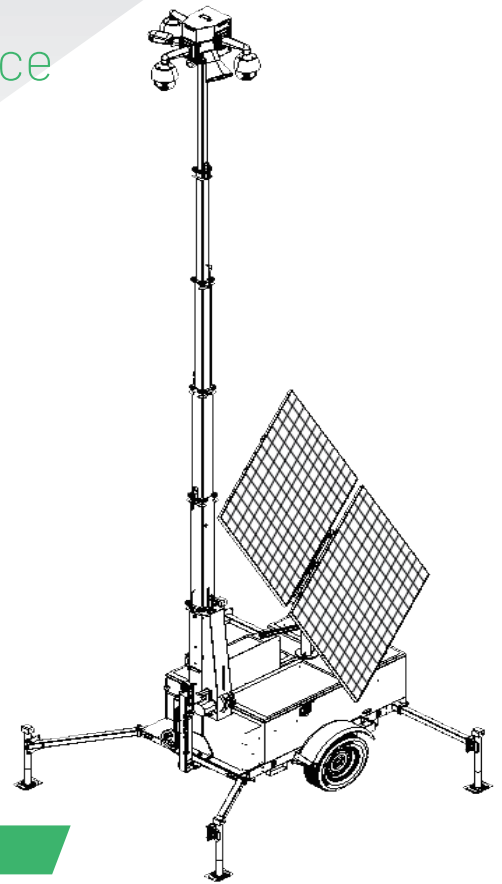


6-SIDE MOUNTING BOX

Multiple sides is flexible for installing your surveillance system. The removable mounting plates with pre-drilled holes make installation easier. Additionally, the mounting box can be optionally rotated for added convenience.

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TECHNICAL DATA

Models	MB-2P-G7MHSST	MB-2P-G9EHSST	MB-2P-G7MHSPR	MB-2P-G9EHSPR	MB-2P-G7MHL400PR
Solar Panel Type	Monocrystalline Silicon Type, Dual Facial Version, Rotatable				
Solar Panel Wattage	2*450W	2*450W	2*600W	2*600W	2*600W
PV Controller	Epever/Victron MPPT	Epever/Victron MPPT	Epever/Victron MPPT	Epever/Victron MPPT	Epever/Victron MPPT
Battery Type	Lead Acid Battery, GEL Type	Lead Acid Battery, GEL Type	Lead Acid Battery, GEL Type	Lead Acid Battery, GEL Type	Lead Acid Battery, GEL Type
Battery QTY	4*200AH,DC12V	4*200AH,DC12V	4*250AH,DC12V	4*250AH,DC12V	4*250AH,DC12V
Battery Capacity	9600Wh	9600Wh	12000Wh	12000Wh	12000Wh
System Voltage	DC24V, DC Voltage Converter Installed				DC24V
Devices	CCTV Mounting Box For Surveillance System				4*100W LED Lights, 60000Lums
Cables	Network Cable+Power Cable; Integrated Within The Telescoping mast Or External Version Optional				Power Cable Within Or External Optional
Telescopic Mast	7 Meters	9 Meters	7Meters	9 Meters	7 Meters
Lifting System	Manual Winch	Electric Winch	Manual Winch	Electric Winch	Manual Winch
AC Charger	1.5kW	1.5kW	1.5kW	1.5kW	1.5kW
Trailer Type	US/EU/AU Standard, Signal Axle, Foldable Tow Bar, With Forklift Holes And Lift Rings				
Outrigger	4pcs Manual Outriggers, Foldable, Y Shape				
Working Temperature	-25°C-60°C	-25°C-60°C	-25°C-60°C	-25°C-60°C	-25°C-60°C
Charging Time	8.9 Hours (Theoretical)	8.9 Hours (Theoretical)	8.5 Hours (Theoretical)	8.5 Hours (Theoretical)	8.5 Hours (Theoretical)
Running Time	72 Hours for 106W	72 Hours for 106W	72 Hours for 133W	72 Hours for 133W	24 Hours for 400W
Options	Cameras, 4G Router, NVR, Speaker, Remote Control, Antenna, Inverter, 360° Rotation And 90° Tilt for lights, Dimmable Lights, Lithium Battery				
Transport Dimensions	3270*1675*2975mm	3270*1675*3175mm	3780*1675*2975mm	3780*1675*3175mm	3780*1675*2975mm
Operate Dimensions	3290*3245*7400mm	3290*3245*9400mm	3800*3245*7400mm	3800*3245*9400mm	3800*3245*7400mm
Gross Weight	1070KG	1100KG	1120KG	1150KG	1150KG
Container Loading	20GP: 6 units, 40HQ: 14 Units	20GP: 6 units, 40HQ: 14 Units	20GP: 6 units, 40HQ: 14 Units	20GP: 6 units, 40HQ: 14 Units	20GP: 6 units, 40HQ: 14 Units