

HiLIGHT™

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease



HIGH EFFICIENCY LED LIGHT

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

360° ROTATION & 90° TILT

All lights can be 360° rotated and 90° tilted. Each light's angle is adjustable. Customer can adjust ideal lighting angle according on-site situation.

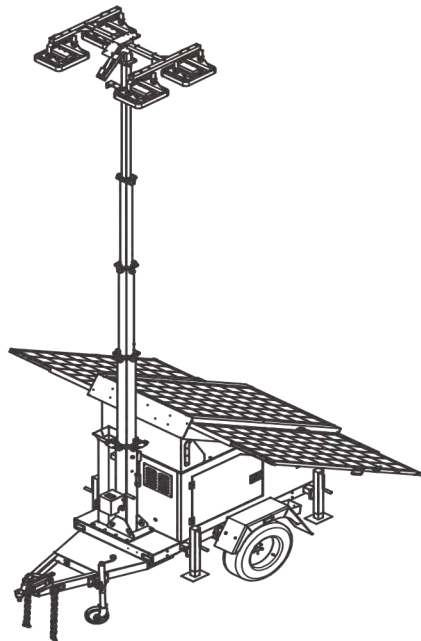
DIMMABLE LIGHTING

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	BL2P-G6MHL400	BL3P-G7MHL600	BL4P-G9EHL600	BL6P-G9HHL1200	BL8P-G12HHL1500
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