

Born For Rental

MOBILE SOLAR LIGHT TOWER

Contribute to the world by green energy

- No Emissions
- No Fuel
- No Maintenance
- Go Green Today!



BIGLUX INNOVATION LTD



MOBILE SOLAR LIGHT TOWER

Rental · Resale · Ownership · Distribution
One-Time Investment Long-Term Returns



OUR SERVICE

Reliable Support For Your Mobile Solar Solutions

BIGLUX centers on solar monitoring & lighting trailer tower services and tailored solutions, we supply full-cycle support from analysis, design, manufacturing to maintenance for our customers.



24-Hour
Quick Response



3-Step
Quality Control



7-Day
Fast Delivery



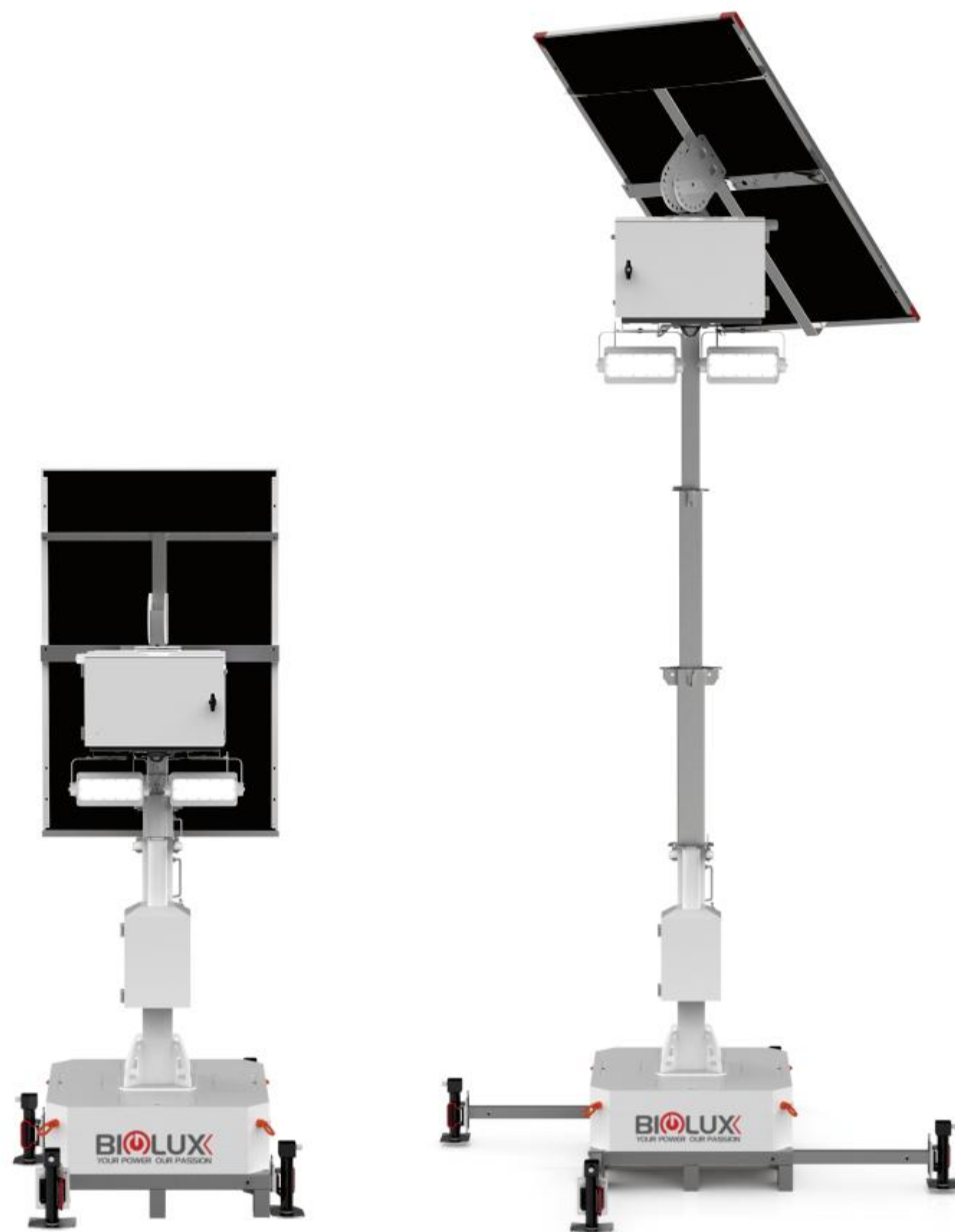
2-Year
Solid Warranty

HiGUARD™

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease

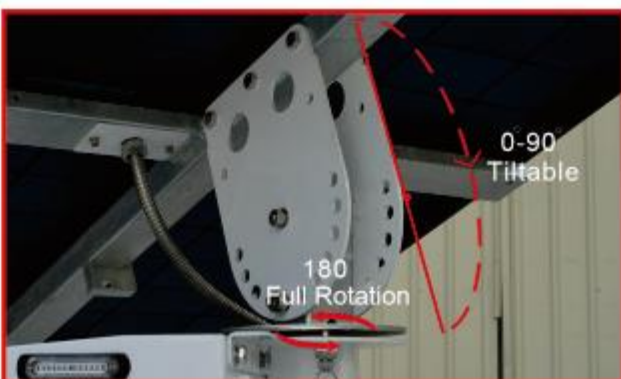
- No Emissions
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DURABLE BASE
Hot-dip galvanized forklift base
Scratch and corrosion resistant
Heavy-duty hooks for easy hoisting
Fillable for enhanced stability

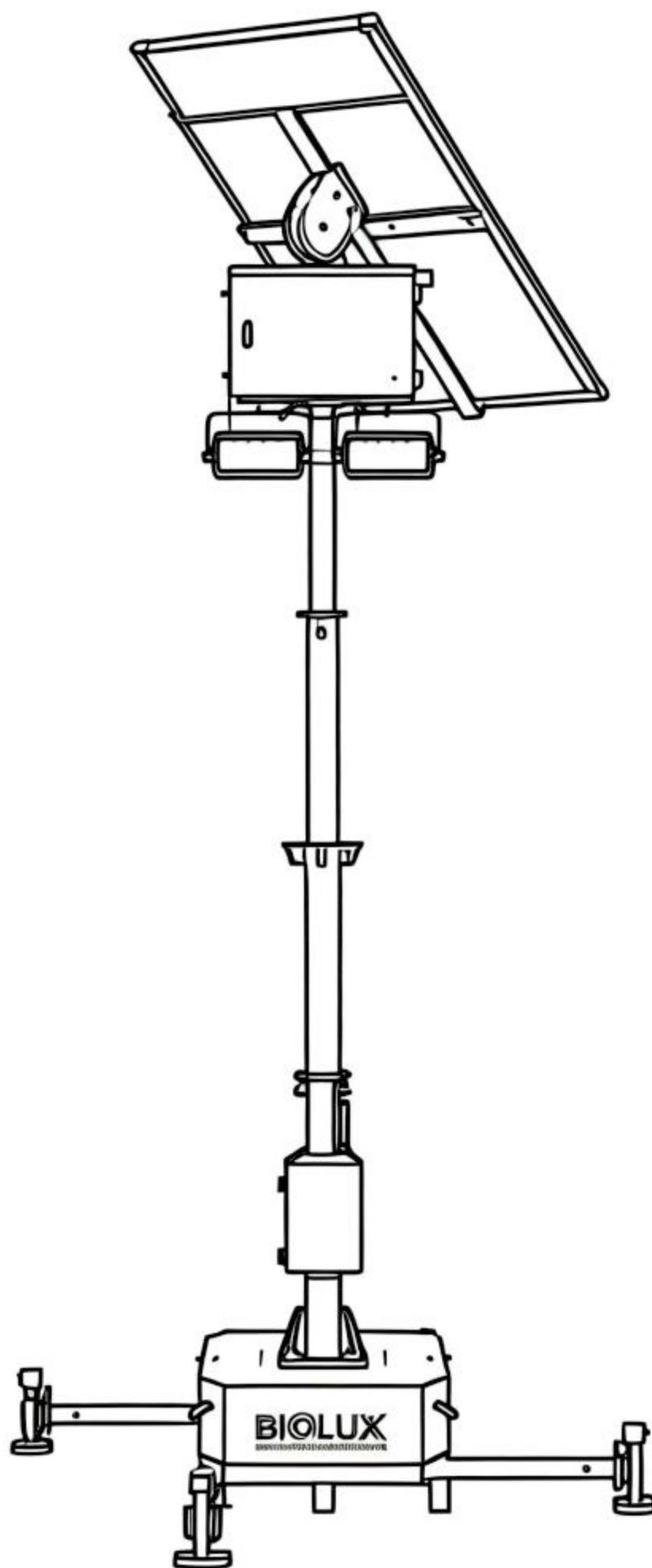


LED LIGHTS
Over 150lm/ high efficacy
Outdoor, waterproof, dustproof
Lifespan over 30,000h
Stable, non-glaring light



FLEXIBLE ADJUSTMENT
180°Rotation & 90° Tilt
Flexible Deployment
Maximum Sunshine Exposure

PRODUCT SKETCH



TECHNICAL DATA

BASIC VERSION	BL1P-L4MHGL0200B
Solar&Battery	
Solar Panel	1*450W
Panel Adjustment	90°tiltable, 180°rotatable
MPPT Controller	20A-E
Estimated Solar Charging Time	4.8 hours
Battery Type	LFP
Battery Capacity	2560Wh
Battery AC Charger	NO
Structure	
Mast & Height	4M, Hot-dip Galvanized Steel
Mast Lifting	Manual Winch
Base	Hollow, Metal, Hot-Dip Galvanized
Lifting Ring	4 ×
Forklift Holes	4 ×
Lights	
Lights QTY&Power	2*100W
Light Type	LED, Outdoor floodlight, Ip65
Luminous Efficacy	180lm/W
Total Lumen Output	36,000 lm
Smart functions	Timer Setting, Brightness Dimming
Light rotation & tilt	Manual
Lighting Time	10 hours at full brightness
General	
Working Temp	-20°C~55°C
Dimension(Extended)	1134*1100*5221.5mm
Dimension(Retracted)	1134*1100*3157.5mm
Weight	370KG
QTY in 20' / 40' Container	12 units / 28 units

PRO VERSION	BL1P-L4MHGL0200P
Solar&Battery	
Solar Panel	1*450W
Panel Adjustment	90°tiltable, 180°rotatable
MPPT Controller	35A-V
Estimated Solar Charging Time	6 hours
Battery Type	LFP
Battery Capacity	4019WH
Battery AC Charger	YES
Structure	
Mast & Height	4M, Hot-dip Galvanized Steel
Mast Lifting	Manual Winch
Base	Hollow, Metal, Hot-Dip Galvanized with 4 extendable outriggers
Lifting Ring	4 ×
Forklift Holes	4 ×
Lights	
Lights QTY&Power	2*100W
Light Type	LED, Outdoor floodlight, Ip65
Luminous Efficacy	180lm/W
Total Lumen Output	36,000 lm
Smart functions	Timer Setting, Brightness Dimming
Light rotation & tilt	Manual
Lighting Time	16 hours at full brightness
General	
Working Temp	-20°C~55°C
Dimension(Extended)	1134*1100*5351.5mm
Dimension(Retracted)	1134*1100*3287.5mm
Weight	440KG
QTY in 20' / 40' Container	10 units / 22 units

HiSOLO™

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease

- No Emissions
- No Fuel
- No Maintenance
- Go Green Today!



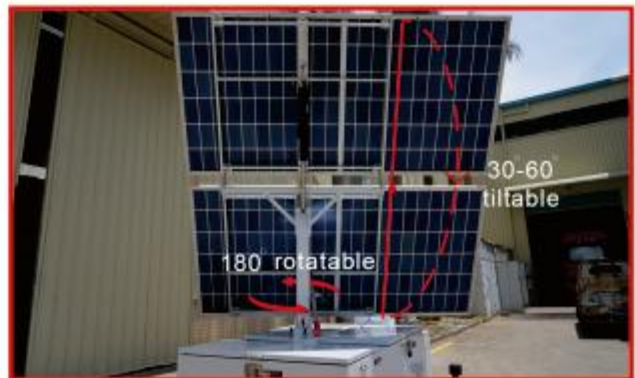
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LED LIGHTS

360°Rotatable
Up to 4*150W LED Lights
Flexible Adjustment
Stable Light Source

0-90°Tiltable
Up to 24 hours lighting



SOLAR PANELS

180°Full Rotation 30-60°Electric Tilt
Up to 1200W Power Rating
Flexible Adjustment
Maximized Sun Exposure
Time-Saving Deployment



BUILT-IN WIRES

Internal Wiring Up to 9 Meters Height
Each Sections Hot-Dip Galvanized
Avoid wire aging
Preserve wire elasticity
Extended Service Life

PRODUCT SKETCH

TECHNICAL DATA

BASIC VERSION	BL2P-G7MHSL0400		BL2P-L7MHSL0400
Solar & Battery			
Solar Panel	2×450W, Bifacial		
Panel Rotating	180° Manual		
Panel Tilting	30°-60° Electrical		
MPPT Controller	50A-E With Remote Battery Monitoring		
Battery Type	GEL	LFP	
Battery Capacity	9600WH	8038WH	
Battery AC Charger	1.5kW, AC110V/230V		
Estimated Solar Charging Time	9 hours	7. 5 hours	
Telescopic Mast			
Mast Height	7M		
Lifting Winch	Manual		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*100W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	72,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing		
Light Rotation & Tilt	Manual		
Lighting Time	19.2 hours	16 hours	
General			
Working Temp	-20°C~55°C		
Extended Dimensions	3522*3246*7262mm		
Retracted Dimensions	3522*1630*2910mm		
Gross Weight	1020KG		
QTY in 20' / 40'	5 units / 12 units		

PRO VERSION	BL2P-G9EHSL0600		BL2P-L9EHSL0600
Solar & Battery			
Solar Panel	2×600W, Bifacial		
Panel Rotating	180° Manual		
Panel Tilting	30°-60° Electrical		
MPPT Controller	45A-V (with remote battery monitoring)		
Battery Type	GEL	LFP	
Battery Capacity	12000WH	14336WH	
Battery AC Charger	1.5kW, AC110V/230V		
Estimated Solar Charging Time	8.4 hours	10 hours	
Telescopic Mast			
Mast Height	9M		
Lifting Winch	Electrical		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*150W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	108,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing Remote Control		
Light Rotation & Tilt	Electric		
Lighting Time	16 hours	19 hours	
General			
Working Temp	-20°C~55°C		
Extended Dimensions	4037*3246*9860mm		
Retracted Dimensions	4037*1630*3610mm		
Gross Weight	1140KG		
QTY in 20' / 40'	5 units / 12 units		

HiSKID-II™

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease

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- Go Green Today!



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HIGH-EFFICIENCY LED LIGHTS

Outdoor-use & long-lasting
Energy-saving & high-efficiency
Flexible Adjustment
Stable Light Source

100W/150W LED type
Stable light source (no glare)



BUILT-IN WIRES

Internal Wiring
Each Sections Hot-Dip Galvanized
Avoid wire aging
Preserve wire elasticity
Extended Service Life

Up to 9 Meters Height



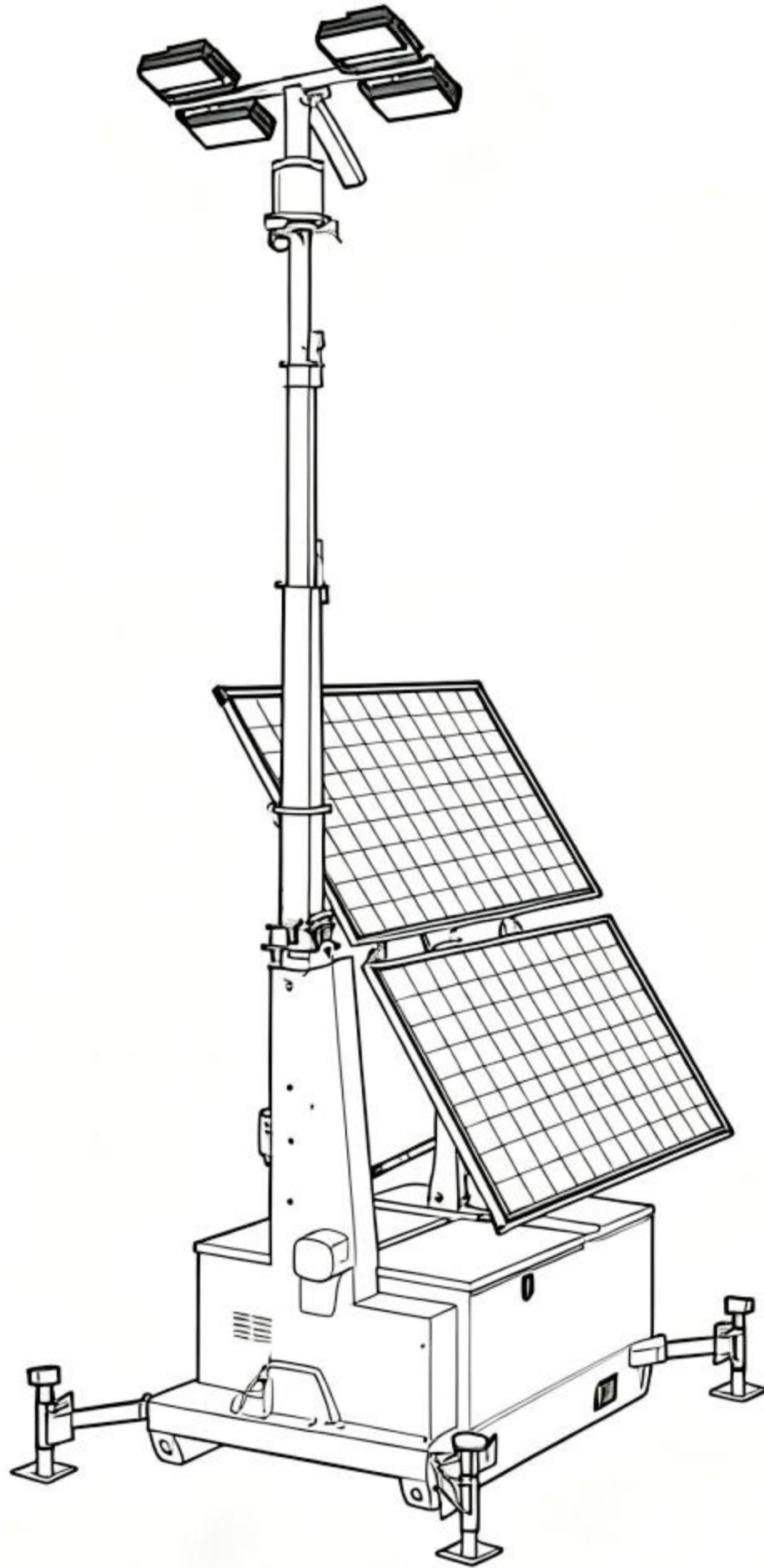
FORKLIFT BASE

Large fork holes
4 reinforced lifting rings
Fork/lift for easy movement
Flexible adjustment suits varied terrains

4 adjustable jacks

PRODUCT SKETCH

TECHNICAL DATA



BASIC VERSION		BL2P-G7MHDL0400	BL2P-L7MHDL0400
Solar & Battery			
Solar Panel	2×450W, Bifacial		
Panel Rotating	180° Manual		
Panel Tilting	30°-60° Electrical		
MPPT Controller	50A-E (with remote battery monitoring)		
Battery Type	GEL	LFP	
Battery Capacity	9600WH	8038WH	
Battery AC Charger	1.5kW, AC110V/230V		
Estimated Solar Charging Time	9 hours	7. 5 hours	
Telescopic Mast			
Mast Height	7M		
Lifting Winch	Manual		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*100W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	72,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing		
Light Rotation & Tilt	Manual		
Lighting Time	19.2 hours	16 hours	
General			
Working Temp	-20°C~55°C		
Extended Dimensions	3522*3246*6977mm		
Retracted Dimensions	3522*1630*2625mm		
Gross Weight	950KG		
QTY in 20' / 40'	5 units / 12 units		

PRO VERSION		BL2P-G9EHDL0600	BL2P-L9EHDL0600
Solar & Battery			
Solar Panel	2×600W, Bifacial		
Panel Rotating	180° Manual		
Panel Tilting	30°-60° Electrical		
MPPT Controller	45A-V (with remote battery monitoring)		
Battery Type	GEL	LFP	
Battery Capacity	12000WH	14336WH	
Battery AC Charger	1.5kW, AC110V/230V		
Estimated Solar Charging Time	8.4 hours	10 hours	
Telescopic Mast			
Mast Height	9M		
Lifting Winch	Electrical		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*150W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	108,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing, Remote Control		
Light Rotation & Tilt	Electric		
Lighting Time	16 hours	19 hours	
General			
Working Temp	-20℃~55℃		
Extended Dimensions	4037*3246*9575mm		
Retracted Dimensions	4037*1630*3325mm		
Gross Weight	1060KG		
QTY in 20' / 40'	5 units / 12 units		

HiSKID-III™

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease

- No Emissions
- No Fuel
- No Maintenance
- Go Green Today!



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HIGH-POWER SOLAR PANELS
Pull-out, Bifacial, Independent
Quick, Sturdy, Windproof
Rail Cover, Anti-jamming



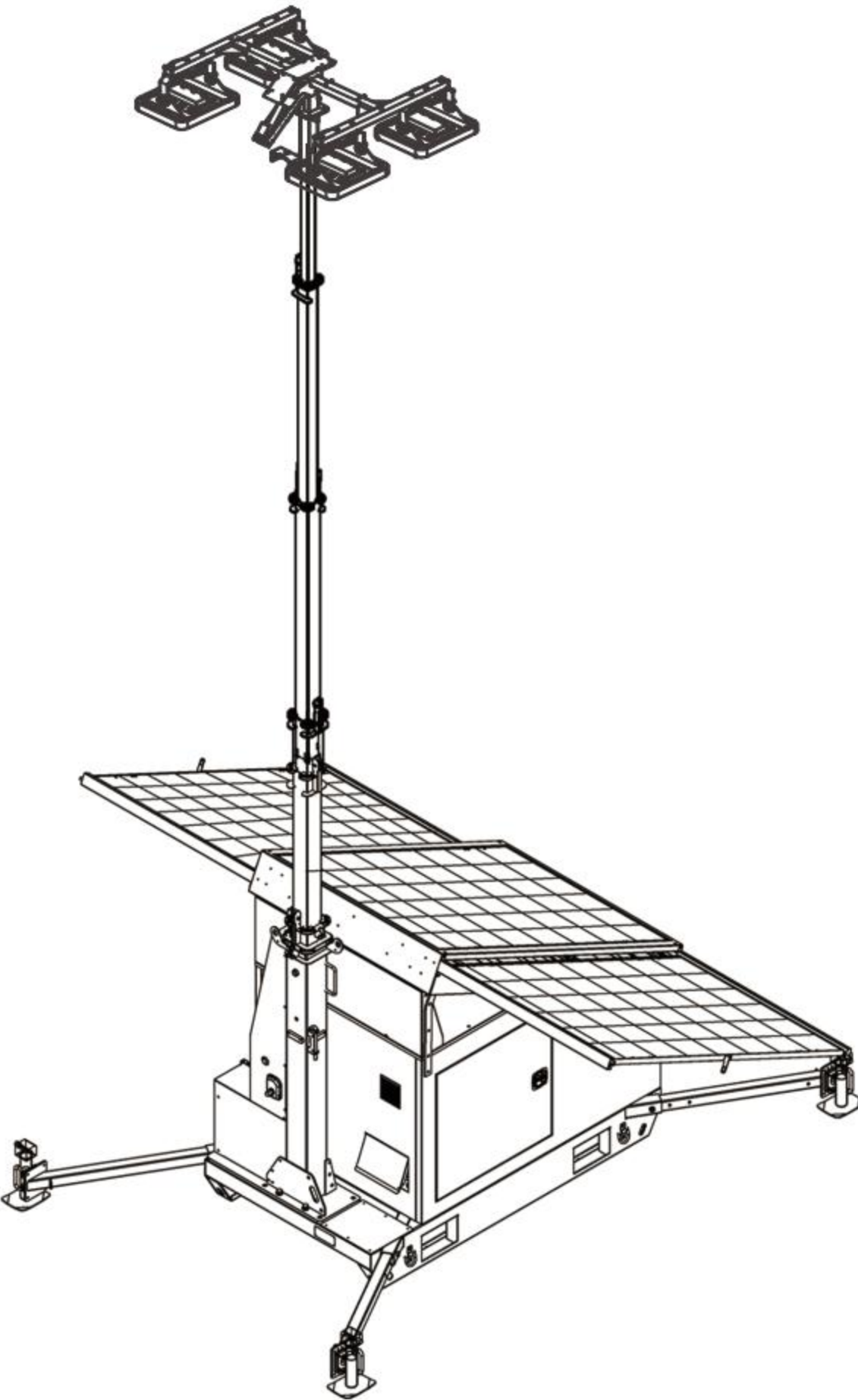
FORKLIFT BASE
Large fork holes 4 adjustable jacks
4 reinforced lifting rings
Fork/lift for easy movement
Flexible adjustment suits varied terrains



BUILT-IN WIRES
Internal Wiring Up to 9 Meters Height
Each Sections Hot-Dip Galvanized
Avoid wire aging
Preserve wire elasticity
Extended Service Life

PRODUCT SKETCH

TECHNICAL DATA



BASIC VERSION		BL3P-G7EHDL1400	BL3P-L7EHDL1400
Solar & Battery			
Solar Panel	3×450W, Bifacial		
Panel Tilting	25°-53° Manual		
MPPT Controller	50A-E (with remote battery monitoring)		
Battery Type	GEL	LFP	
Battery Capacity	14400WH	14336WH	
Battery AC Charger	2.5kW AC110V/230V		
Estimated Solar Charging Time	9 hours		
Back-up Generator			
Power Rating	3KW		
Fuel Tank	50L		
Auto-Start System	YES		
Telescopic Mast			
Mast Height	7M		
Lifting Winch	Manual		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*100W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	72,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing		
Light Rotation & Tilt	Manual		
Lighting Time	28 hours at full brightness		
General			
Working Temp	-20°C~55°C		
Extended Dimensions	3600*3650*7150mm		
Retracted Dimensions	2150*1650*2320mm		
Gross Weight	1000KG		
QTY in 20' / 40'	4 units / 8 units		

PRO VERSION		BL3P-G9EHDL1600	BL3P-L9EHDL1600
Solar & Battery			
Solar Panel	3×450W, Bifacial		
Panel Tilting	25°-53° Manual		
MPPT Controller	45A-V (with remote battery monitoring)		
Battery Type	GEL	LFP	
Battery Capacity	14400WH	14336WH	
Battery AC Charger	2.5kW AC110V/230V		
Estimated Solar Charging Time	10 hours		
Back-up Generator			
Power Rating	3KW		
Fuel Tank	50L		
Auto-Start System	YES		
Telescopic Mast			
Mast Height	9M		
Lifting Winch	Electrical		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*150W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	108,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing, Remote Control		
Light Rotation & Tilt	Electric		
Lighting Time	19 hours at full brightness		
General			
Working Temp	-20°C~55°C		
Extended Dimensions	3600*3650*9150mm		
Retracted Dimensions	2150*1650*2320mm		
Gross Weight	1100KG		
QTY in 20' / 40'	3 units / 7 units		

HiCUBE™

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease

- No Emissions
- No Fuel
- No Maintenance
- Go Green Today!



HIGH-POWER SOLAR PANELS
Feature 1: High-Power Solar Panels
3×450W bifacial panels for higher efficiency
Triple-panel foldable design for easy deployment
Same-direction panels to boost power generation
Electric angle adjustment for different latitudes



LOWER SHIPPING COSTS
Up to 18 units fit in one 40HQ container
Maximize capacity in limited space
Directly cuts average shipping cost
Achieves cost-saving on logistics



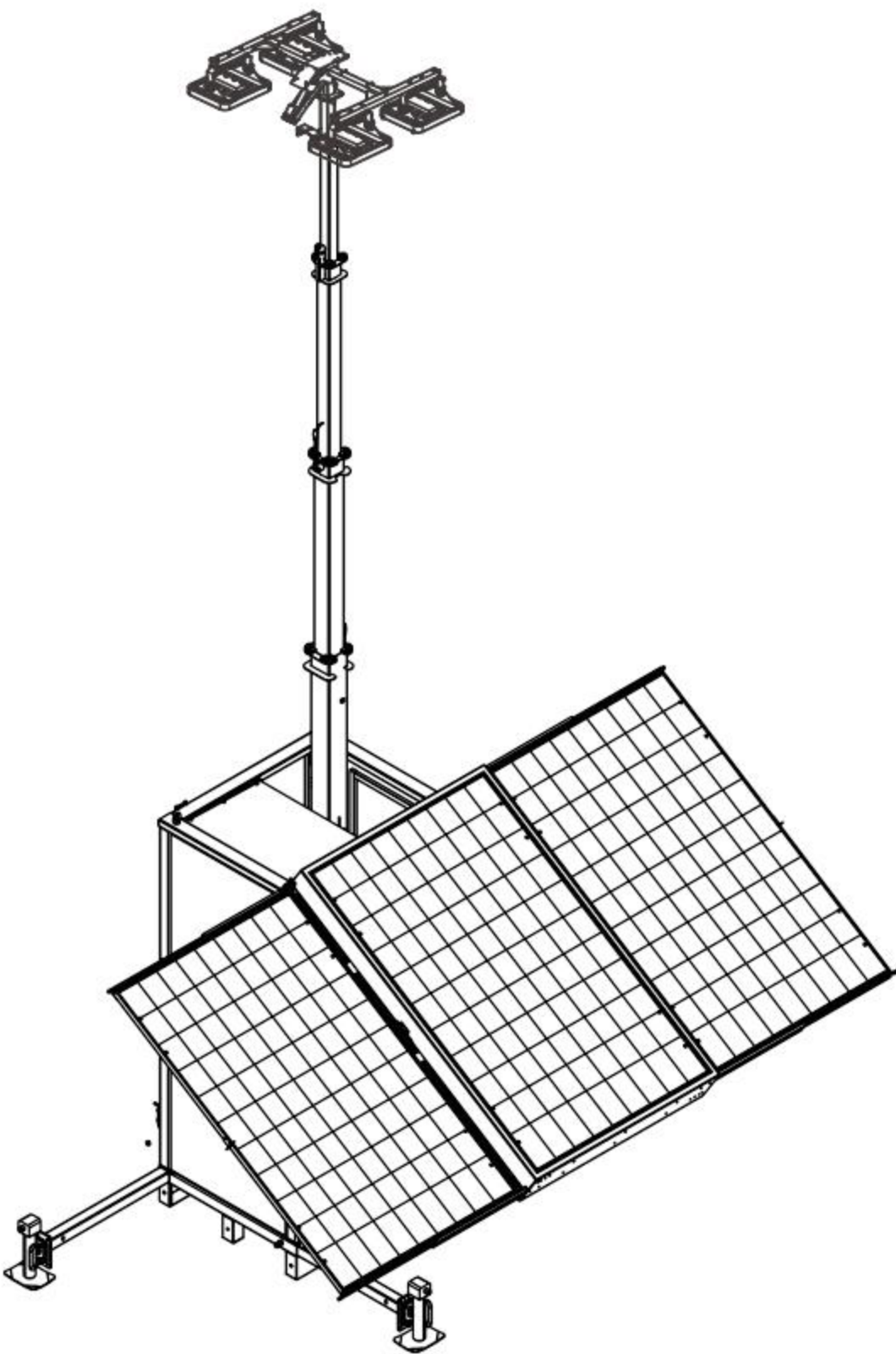
RUST RESISTANCE
Hot-dip galvanized telescopic mast base and outriggers
Zinc coating average thickness ≥100µm
Outdoor powder-coated shell
Rust-proof in long-term humid environments

PRODUCT SKETCH

TECHNICAL DATA

BASIC VERSION		BL3P-L7EHCL0400
Solar & Battery		
Solar Panel	3×450W, Bifacial	
Panel Tilting	0°-60° Electrical	
MPPT Controller	30A-E (with remote battery monitoring)	
Battery Type	LFP	
Battery Capacity	10240WH	
Battery AC Charger	2.5kW AC110V/230V	
Estimated Solar Charging Time	6.4 hours	
Telescopic Mast		
Mast Height	7M	
Lifting Winch	Electrical	
Material	Hot-dip Galvanized Steel	
Feature	Build in Wiring	
Lights		
Lights QTY&Power	4*100W	
Light Type	LED, Outdoor floodlight, Ip65	
Luminous Efficacy	180lm/W	
Total Lumen Output	72,000 lm	
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing	
Light Rotation & Tilt	Electric	
Lighting Time	20 hours at full brightness	
General		
Working Temp	-20℃~55℃	
Extended Dimensions	3225*3600*6992mm	
Retracted Dimensions	1315*1385*2870mm	
Gross Weight	970KG	
QTY in 20' / 40'	6 units / 14 units	

PRO VERSION		BL3P-L7EHCL0600
Solar & Battery		
Solar Panel	3×450W, Bifacial	
Panel Tilting	0°-60° Electrical	
MPPT Controller	35A-V (with remote battery monitoring)	
Battery Type	LFP	
Battery Capacity	15360WH	
Battery AC Charger	2.5kW AC110V/230V	
Estimated Solar Charging Time	9.6 hours	
Telescopic Mast		
Mast Height	7M	
Lifting Winch	Electrical	
Material	Hot-dip Galvanized Steel	
Feature	Build in Wiring	
Lights		
Lights QTY&Power	4*150W	
Light Type	LED, Outdoor floodlight, Ip65	
Luminous Efficacy	180lm/W	
Total Lumen Output	108,000 lm	
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing, Remote Control	
Light Rotation & Tilt	Electric	
Lighting Time	20 hours at full brightness	
General		
Working Temp	-20℃~55℃	
Extended Dimensions	3225*3600*7472mm	
Retracted Dimensions	1315*1385*3350mm	
Gross Weight	980KG	
QTY in 20' / 40'	6 units / 14 units	



HiSTAR-III™

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease

- No Emissions
- No Fuel
- No Maintenance
- Go Green Today!



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HIGH-POWER SOLAR PANELS

Pull-out, Bifacial, Independent
Quick, Sturdy, Windproof
Rail Cover, Anti-jamming



RUST RESISTANCE

Hot-dip galvanized telescopic mast and base
Zinc coating average thickness $\geq 100\mu\text{m}$
Outdoor powder-coated shell
Rust-proof in long-term humid environments



BUILT-IN WIRES

Internal Wiring Up to 9 Meters Height
Each Sections Hot-Dip Galvanized
Avoid wire aging
Preserve wire elasticity
Extended Service Life

PRODUCT SKETCH

TECHNICAL DATA

BASIC VERSION		BL3P-G7EHRL1400	BL3P-L7EHRL1400
Solar & Battery			
Solar Panel	3×450W, Bifacial		
Panel Tilting	25°-53° Manual		
MPPT Controller	60A-E (with remote battery monitoring)		
Battery Type	GEL	LFP	
Battery Capacity	14400WH	14336WH	
Battery AC Charger	2.5kW AC110V/230V		
Estimated Solar Charging Time	9 hours		
Back-up Generator			
Power Rating	3KW		
Fuel Tank	50L		
Auto-Start System	YES		
Telescopic Mast			
Mast Height	7M		
Lifting Winch	Manual		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*100W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	72,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing		
Light Rotation & Tilt	Manual		
Lighting Time	28 hours at full brightness		
General			
Working Temp	-20°C~55°C		
Extended Dimensions	3391*3639*7798mm		
Retracted Dimensions	2226*1672*3517mm		
Gross Weight	1000KG		
QTY in 20' / 40'	3 units / 7 units		

PRO VERSION		BL3P-G9EHDL1600	BL3P-L9EHRL1600
Solar & Battery			
Solar Panel	3×450W, Bifacial		
Panel Tilting	25°-53° Manual		
MPPT Controller	45A-V (with remote battery monitoring)		
Battery Type	GEL	LFP	
Battery Capacity	14400WH	14336WH	
Battery AC Charger	2.5kW AC110V/230V		
Estimated Solar Charging Time	10 hours		
Back-up Generator			
Power Rating	3KW		
Fuel Tank	50L		
Auto-Start System	YES		
Telescopic Mast			
Mast Height	9M		
Lifting Winch	Electrical		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*150W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	108,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing, Remote Control		
Light Rotation & Tilt	Electric		
Lighting Time	19 hours at full brightness		
General			
Working Temp	-20°C~55°C		
Extended Dimensions	3391*3639*9798mm		
Retracted Dimensions	2226*1672*3517mm		
Gross Weight	1100KG		
QTY in 20' / 40'	3 units / 7 units		

HiSTAR-V™

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease

- No Emissions
- No Fuel
- No Maintenance
- Go Green Today!



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DIESEL GENERATOR

Auto-charges when battery is low
Large fuel tank
Non-stop runtime on cloudy days/winter



RUST RESISTANCE

Hot-dip galvanized telescopic mast base and outriggers
Zinc coating average thickness $\geq 100\mu\text{m}$
Outdoor powder-coated shell
Rust-proof in long-term humid environments

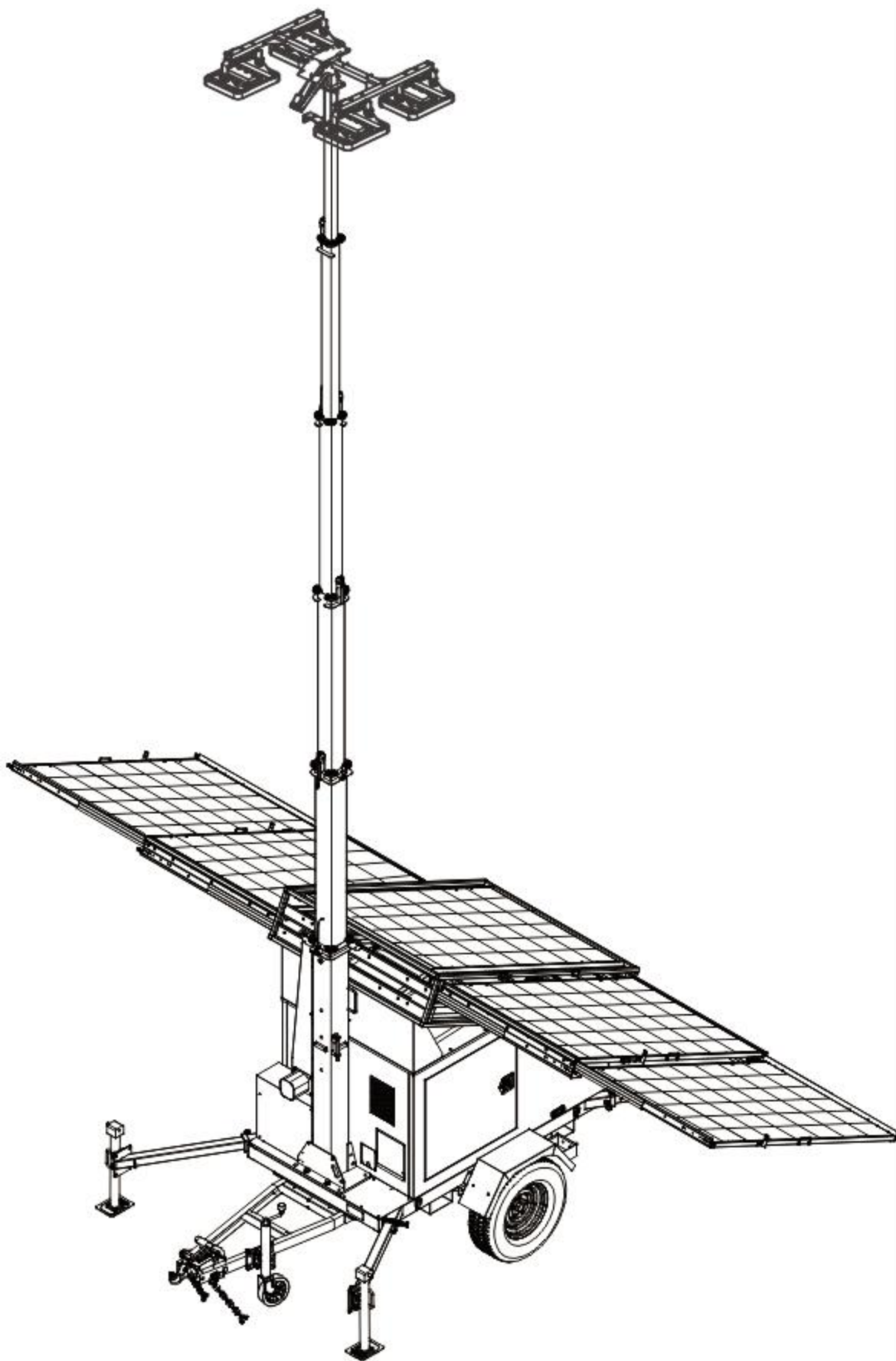


BUILT-IN WIRES

Internal Wiring Up to 9 Meters Height
Each Sections Hot-Dip Galvanized
Avoid wire aging
Preserve wire elasticity
Extended Service Life

PRODUCT SKETCH

TECHNICAL DATA



BASIC VERSION		BL5P-G7MHRL1800	BL5P-L7MHRL1800
Solar & Battery			
Solar Panel	5×450W, Bifacial		
Panel Tilting	25°-53° Manual		
MPPT Controller	80A-E (with remote battery monitoring)		
Battery Type	GEL	LFP	
Battery Capacity	19200WH	20480WH	
Battery AC Charger	2.5kW AC110V/230V		
Estimated Solar Charging Time	7.7 hours		
Back-up Generator			
Power Rating	3KW		
Fuel Tank	50L		
Auto-Start System	YES		
Telescopic Mast			
Mast Height	7M		
Lifting Winch	Manual		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*200W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	144,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing		
Light Rotation & Tilt	Manual		
Lighting Time	19 hours at full brightness		
General			
Working Temp	-20℃~55℃		
Extended Dimensions	6100*3990*7800mm		
Retracted Dimensions	1650*2200*3180mm		
Gross Weight	1700KG		
QTY in 20' / 40'	3 units / 7 units		

PRO VERSION		BL5P-G9EHRL11000	BL5P-L9EHRL11000
Solar & Battery			
Solar Panel	5×450W, Bifacial		
Panel Tilting	25°-53° Manual		
MPPT Controller	90A-V (with remote battery monitoring)		
Battery Type	GEL	LFP	
Battery Capacity	19200WH	20480WH	
Battery AC Charger	2.5kW AC110V/230V		
Estimated Solar Charging Time	7.7 hours		
Back-up Generator			
Power Rating	3KW		
Fuel Tank	50L		
Auto-Start System	YES		
Telescopic Mast			
Mast Height	9M		
Lifting Winch	Electrical		
Material	Hot-dip Galvanized Steel		
Feature	Build in Wiring		
Lights			
Lights QTY&Power	4*250W		
Light Type	LED, Outdoor floodlight, Ip65		
Luminous Efficacy	180lm/W		
Total Lumen Output	180,000 lm		
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing, Remote Control		
Light Rotation & Tilt	Electric		
Lighting Time	15 hours at full brightness		
General			
Working Temp	-20°C~55°C		
Extended Dimensions	6100*3990*9700mm		
Retracted Dimensions	1650*2200*3500mm		
Gross Weight	1700KG		
QTY in 20' / 40'	3 units / 7 units		

HiSITE™

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease

- No Emissions
- No Fuel
- No Maintenance
- Go Green Today!



HIGH-EFFICIENCY LED LIGHTS
Outdoor-use & long-lasting
Energy-saving & high-efficiency
Flexible Adjustment
Stable Light Source
100W/150W LED type
Stable light source (no glare)



RUST RESISTANCE
Hot-dip galvanized telescopic mast base and outriggers
Zinc coating average thickness ≥ 100µm
Outdoor powder-coated shell
Rust-proof in long-term humid environments



BUILT-IN WIRES
Internal Wiring
Each Sections Hot-Dip Galvanized
Avoid wire aging
Preserve wire elasticity
Extended Service Life
Up to 9 Meters Height

PRODUCT SKETCH

TECHNICAL DATA

BASIC VERSION		BL1P-G7MHIL0200
Solar & Battery		
Solar Panel	1×720W, Bifacial	
Panel Rotating	0°-60° Manual	
Panel Tilting	30°-60° Manual	
MPPT Controller	30A-E	
Battery Type	GEL	
Battery Capacity	6000WH	
Battery AC Charger	1.5kW, AC110V/230V	
Estimated Solar Charging Time	7 hours	
Telescopic Mast		
Mast Height	7M	
Lifting Winch	Manual	
Material	Hot-dip Galvanized Steel	
Feature	Build in Wiring	
Lights		
Lights QTY&Power	4*50W	
Light Type	LED, Outdoor floodlight, Ip65	
Luminous Efficacy	180lm/W	
Total Lumen Output	36,000 lm	
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing	
Light Rotation & Tilt	Manual	
Lighting Time	24 hours at full brightness	
General		
Working Temp	-20℃~55℃	
Extended Dimensions	2384*1800*7000mm	
Retracted Dimensions	2384*1800*3000mm	
Gross Weight	900KG	
QTY in 20' / 40'	8 units / 16 units	

BASIC VERSION		BL1P-G7MHIL0200
Solar & Battery		
Solar Panel	1×720W, Bifacial	
Panel Rotating	0°-60° Manual	
Panel Tilting	30°-60° Manual	
MPPT Controller	30A-E	
Battery Type	LFP	
Battery Capacity	7168WH	
Battery AC Charger	1.5kW, AC110V/230V	
Estimated Solar Charging Time	8.4 hours	
Telescopic Mast		
Mast Height	7M	
Lifting Winch	Manual	
Material	Hot-dip Galvanized Steel	
Feature	Build in Wiring	
Lights		
Lights QTY&Power	4*50W	
Light Type	LED, Outdoor floodlight, Ip65	
Luminous Efficacy	180lm/W	
Total Lumen Output	36,000 lm	
Smart Functions	Timer Setting, Brightness Dimming, Light-Sensing	
Light Rotation & Tilt	Manual	
Lighting Time	28 hours at full brightness	
General		
Working Temp	-20℃~55℃	
Extended Dimensions	2384*1800*7000mm	
Retracted Dimensions	2384*1800*3000mm	
Gross Weight	850KG	
QTY in 20' / 40'	8 units / 16 units	

HiFLY™

SOLAR STREET LIGHT

Rental. Sale.Own.Lease



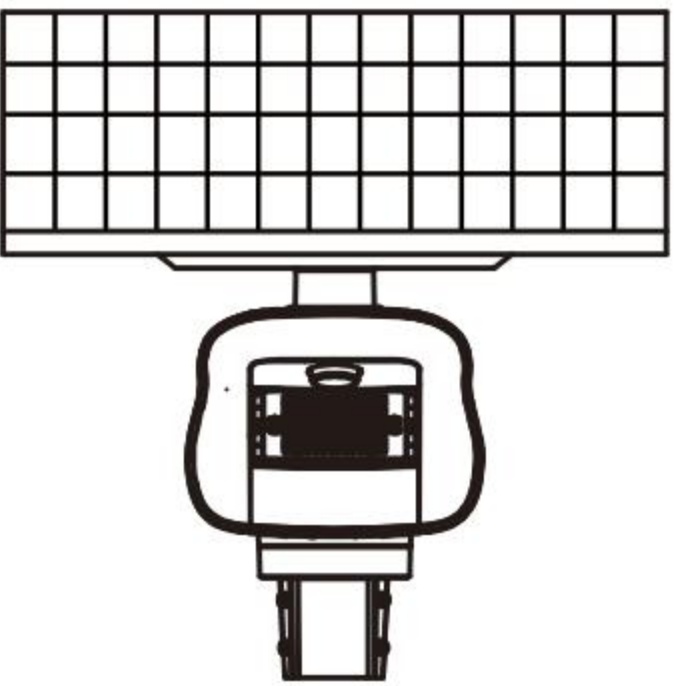
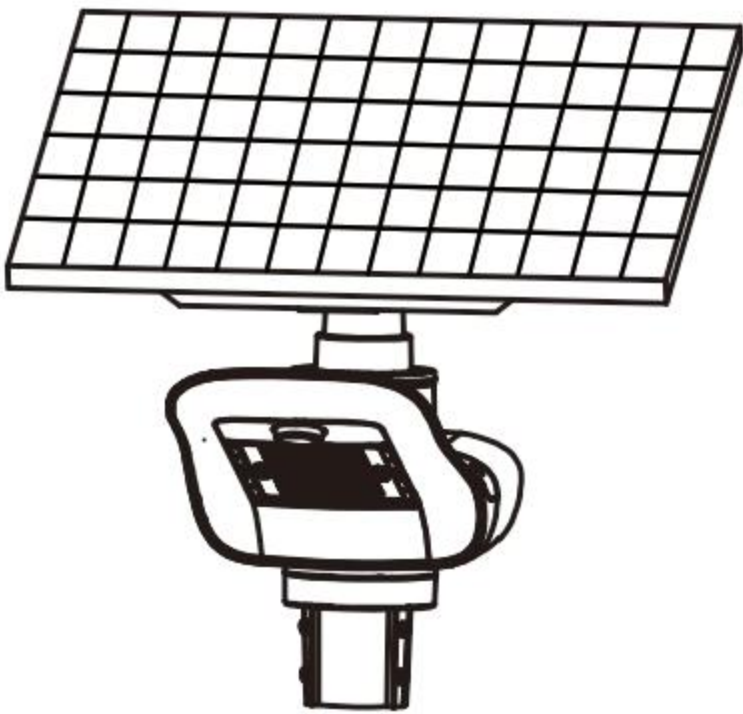
HiPT™

TELESCOPIC MAST WITH BASE

Rental. Sale.Own.Lease

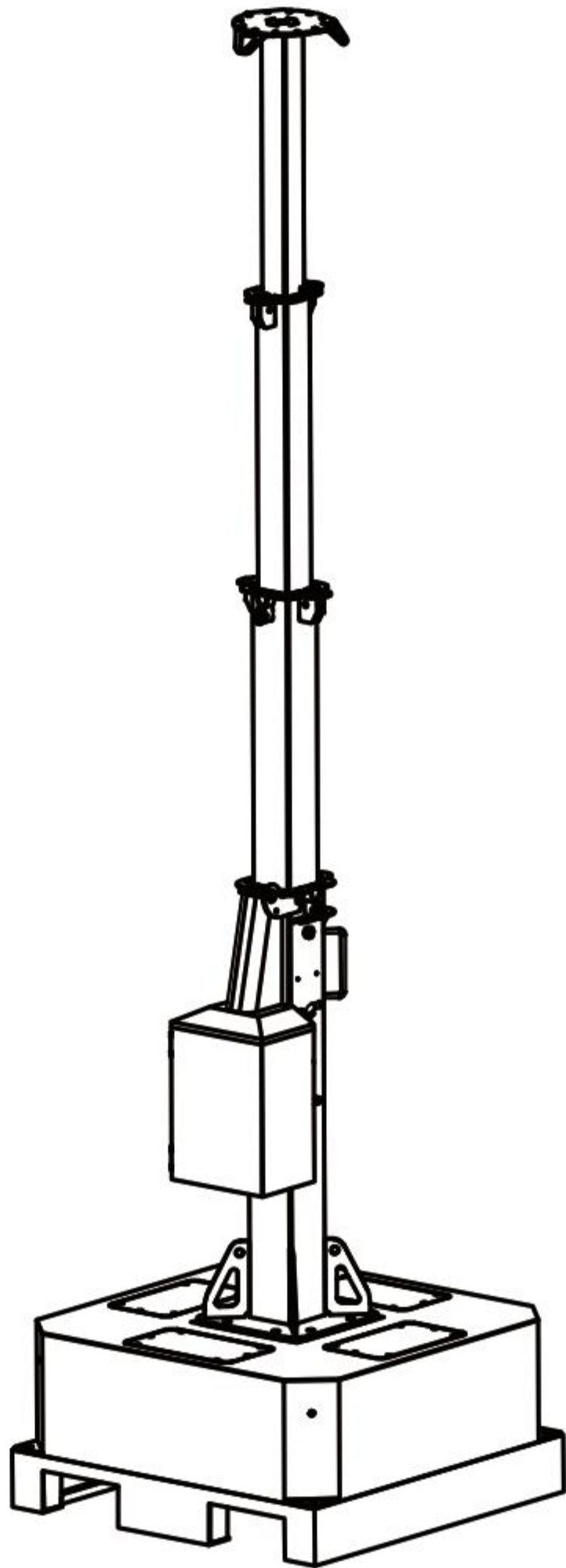


PRODUCT SKETCH



TECHNICAL DATA

HIFLY	BL1PHF100	BL1PHF150
Solar&Battery		
Solar Panel	100W	150W
Panel Material	Mono crystalline silicon	
Panel Adjustment	rotatable and tiltable	
Battery Type	LFP	
Battery Capacity	400WH	640WH
Estimated Solar Charging Time	3.5Hours	
General		
Working Temp	-20℃~55℃	
Material of Lamp Head	Aluminum Alloy	
Lifespan	50000 hours	
Installation spacing	20-40m	
Lights		
Lights QTY&Power	1*30W	1*50W
Light Type	LED, Ip65	
Color Temperature	3000-6000K	
Luminous Efficacy	180lm/W	
Total Lumen Output	5400 lm	9000lm
Smart Functions	Light-Sensing, Light Color Adjustment	
Lighting Time	10 hours	



HiPT

BL0P-N4MHTNNN

Payload	50KG
Height	4M
Material	Q235 Steel, Each Section Hot-Dip Galvanized
Mast Lifting	Manual Winch
Base	Hollow,Metal, Hot-Dip Galvanized
Lifting Ring	4 ×
Forklift Holes	2 ×
Dimension(Extended)	1100*1100*3889mm
Dimension(Retracted)	1100*1100*1825mm
Weight	231KG
QTY in 20' / 40' Container	27 units / 56 units

SOLUTIONS

MOBILE SOLAR LIGHT TOWER

Rental. Sale. Own. Lease

BIGLUX develops and implements specific & innovative mobile solar tower and mobile solar generator solutions for different commercial and industrial applications. By adopting the latest renewable energy technologies, BIGLUX integrated solar and battery system to develop and implement the most energy saving renewable mobile solar power systems to work as solar surveillance tower, solar lighting tower, solar generator, solar telecom tower solutions for multiple applications:

- Outdoor Parking Lots
- Traffic Monitoring
- Construction Sites
- Emergency Rescue
- Public Security
- Sports and Events

- Forest Fire Prevention
- Military Bases
- Mining and Oil
- Refuse Disposal Plants
- Logistics Centers
- Defense Frontiers

- Airports
- Camping
- Agriculture
- Telecom
- Industry
- Data Centers



INNOVATION DRIVEN QUALITY ORIENTED

BIGLUX is a quality-oriented and innovation-driven company. With a strong focus on independent research and development, we have consistently achieved breakthroughs in leading technologies. Our commitment to excellence enables us to meet the diverse and personalized needs of customers across various industries. Whether it's through pioneering advancements or tailored solutions, BIGLUX is dedicated to delivering superior products and services that cater to the unique requirements of each client.

10+ Years Experience

Our rich experience and past lessons in the industry can help customers avoid detours and get better product and service experience.

20+ Certificates

We have obtained most of the professional certificates in the industry and insist on international standards of production.

100+ Repeat Order Customers

Thanks to our customers trust and support, the continuous orders from old customers are an important cornerstone of BIGLUX stable development.





Strict Quality Control

3-Step Quality Check Process
 -Raw Material QC
 -In-Process Semi-finished QC
 -Pre-shipment Finished Product QC



2 Years Warranty

We guarantee 2 - year warranty for the whole system, non - vandalism quality problems get timely repair/replacement, life - long repairing responsibility.



Professional Team

8 Departments in BIGLUX.
 From Concept Design to Manufacturing,
 Delivering One - Stop Closed - Loop Services.



Faster Deliver

Samples: 5~7 working days.
 Bulk Orders: 25~45 working days.

WHAT WE HAVE

- A strong expertise in SOLAR TOWER latest technologies.
- A broad experience in SOLAR TOWER applications.
- An insatiable thirst for smart intelligent controlled SOLAR TOWER system.
- A background of over 10 years' experience in MOBILE SOLAR industry.
- A great heart of contribution to the most energy saving and environment friendly world.



WHAT WE DO



For The Society

We provide long-term energy-saving solutions: save energy, save the world. Mobile solar power with lighting, telecom & CCTV helps communities stay connected and extends work hours for construction, mining and oil sites etc.



For The Industry

We are quality-focused and innovation-led. At BIGLUX, innovation drives mobile solar solutions, fuels product breakthroughs, and leads the industry.



For Our Customer

We strive to deliver standout solutions. Leveraging China's raw materials, innovative tech, workforce, and sub-assembly capabilities, BIGLUX offers highly competitive product across the world.



For Our Staff

We aspire to build a TEAM where every member thrives in work-life balance, and each contribution fuels collective success.



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