

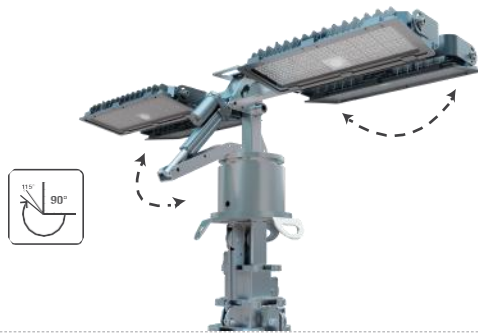
SolarisGoSeries

Solar Mobile Lighting Tower



Adjustable Tilt and Horizontal Angles

Electric LED bracket allows tilt and horizontal adjustment for broad lighting coverage.



High-Efficiency Lighting

Equipped with 4×100W/150W/200W LED floodlights, delivering up to 190 lm/W.



Reinforced Mast

Features internal cable routing for improved safety over traditional exposed spring cables. Crafted from high-strength steel with hot-dip galvanization for superior durability in outdoor environments. Engineered with a high safety margin and triple anti-drop protection. Available in 7m and 9m heights, with wind resistance up to 117km/h. Height adjustable to adapt to complex terrain—ensuring maximum stability and safety.

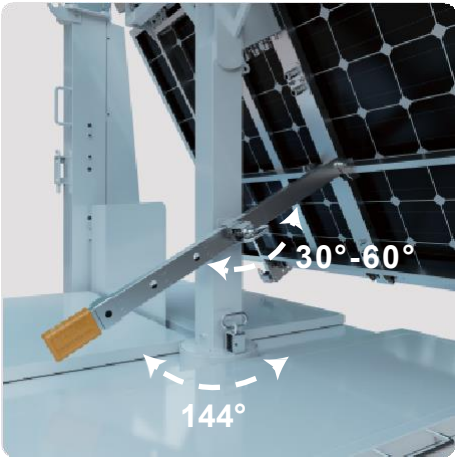
Long-Lasting Power

Built-in 4×250Ah (12KWh) high-capacity battery. Designed for reliable performance in -20° to 50° environments. Custom solutions available for extreme conditions. Supports 1.5KW AC charging when sunlight is limited, ensuring continuous and stable power supply.



Smart Control

Self-developed IoT system enables remote monitoring and control. The industry-first design integrates wind sensors that automatically fold the solar panels and lower the mast to trigger protection mode when wind speeds exceed threshold—ensuring safe operation in harsh weather.



Green & Sustainable

Equipped with two 600W foldable double-sided insulated glass solar panels. 144 ° horizontal rotation and 30°-60° adjustable tilt angles boost solar conversion efficiency. Plug & play, zero emissions.



Easy Control

Adjustable brightness and programmable schedules—customize lighting times and brightness levels for each day of the week.

DAY/ TIME	Mon	Tue	Wed	Tue	Fri	Sat	Sun
00:00 24:00	50%	100%	70%	100%	100%	70%	90%



Energy-Saving

Can be equipped with motion sensor for automatic on/off lighting, helping save energy.



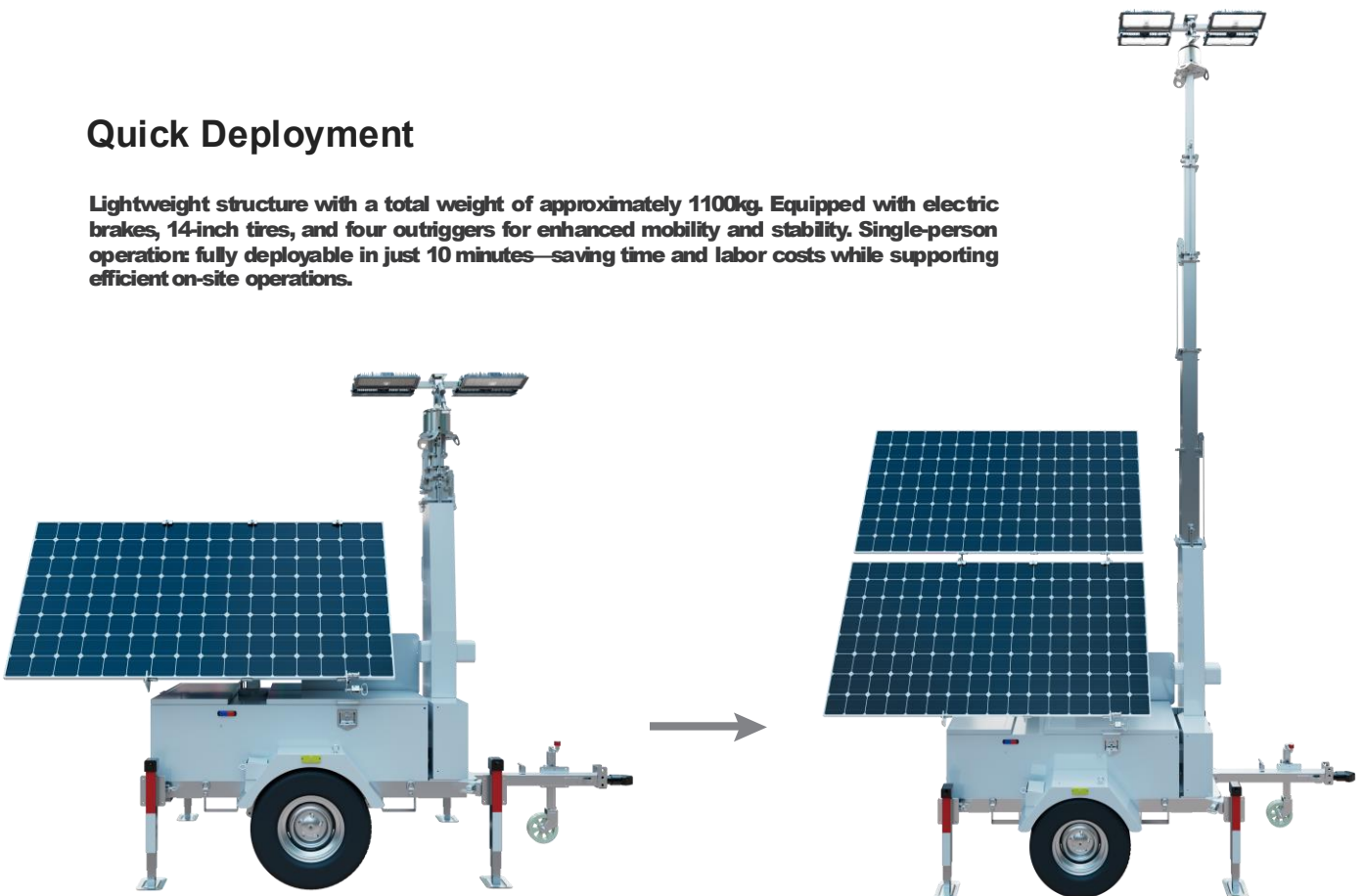
High Protection, Safe, Reliable

The entire unit features hot-dip galvanization, concealed cables, and anti-theft locks—offering corrosion, rust, impact, and theft resistance.



Quick Deployment

Lightweight structure with a total weight of approximately 1100kg. Equipped with electric brakes, 14-inch tires, and four outriggers for enhanced mobility and stability. Single-person operation: fully deployable in just 10 minutes—saving time and labor costs while supporting efficient on-site operations.



Cost-Effective

Up to 14 units fit in a 40HQ container—cutting transport costs by 50%.

Built on a proven integrated solution with key components from leading global brands (e.g., Victron controller), ensuring long-term durability and reliable performance.



Application Scenarios

Parking lots, freight terminals, construction sites, mining sites, agricultural lands, intersections, public events, sports venues, location shooting, border security, and emergency response.



Specification

Items	BRT-2P900G96M7-L400	BRT-2P900G10E9-L400	BRT-2P1200900G12M7-L400
Luminaire Wattage	4X100W	4X100W	4X100W
Lumen Output	76000lm	76000lm	76000lm
Lumen Efficiency	190lm/W		
Input Voltage	DC24V		
Color Temperature	3000K;4000K;5000K;5700K;6500K		
Ingress Protection	IP66		
Solar Panel Type	Monocrystalline Silicon		
Solar Panel Wattage	2*450W	2*450W	2*450W
PV Controller	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
Battery QTY	4*200AH, DC12V	4*200AH, DC12V	4*250AH, DC12V
Battery Capacity	9600Wh	9600Wh	12000Wh
System Voltage	DC24V, DC Voltage Converter Installed		
Telescopic Mast	7 Meters	9 Meters	7 Meters
Lifting System	Manual Winch	Electric Winch	Manual Winch
AC Charger	15kW		
Trailer Type	US/EU/AU Standard, Single Axle, Foldable Tow Bar, with Forklift Holes and Lift Rings		
Outrigger	4ps Manual Outriggers Foldable, Y Shape		
Working Temperature	- 25 ° - 60 °	- 25 ° - 60 °	- 25 ° - 60 °
Charging Time	8.9 Hours (Theoretical)	8.9 Hours (Theoretical)	8.5 Hours (Theoretical)
MAX Running Time	17 Hours	17 Hours	21 Hours
Transport Dimensions	3270*1675*2975mm	3270*1675*3175mm	3780*1675*2975mm
Operate Dimensions	3290*3245*7400mm	3290*3245*9400mm	3800*3245*7400mm
Gross Weight	1070KG	1100KG	1120KG
Container Loading	20GP: 6 Units, 40HQ: 14 Units		

Items	BRT-2P1200G12E9-L600	BRT-2P1200G12M7-L600
Luminaire Wattage	4X150W	4X150W
Lumen Output	114000lm	114000lm
Lumen Efficiency	190lm/W	
Input Voltage	DC24V	
Color Temperature	3000K;4000K;5000K;5700K;6500K	
Ingress Protection	IP66	
Solar Panel Type	Monocrystalline Silicon	
Solar Panel Wattage	2*600W	2*600W
PV Controller	Epever/Victron MPPT	Epever/Victron MPPT
Battery Type	Lead Acid Battery, GEL Type	Lead Acid Battery, GEL Type
Battery QTY	4*250AH, DC12V	4*250AH, DC12V
Battery Capacity	12000Wh	12000Wh
System Voltage	DC24V, DC Voltage Converter Installed	
Telescopic Mast	9 Meters	7 Meters
Lifting System	Electric Winch	Manual Winch
AC Charger	15kW	
Trailer Type	US/EU/AU Standard, Single Axle, Foldable Tow Bar, with Forklift Holes and Lift Rings	
Outrigger	4ps Manual Outriggers Foldable, Y Shape	
Working Temperature	- 25 ° - 60 °	- 25 ° - 60 °
Charging Time	8.5 Hours (Theoretical)	8.5 Hours (Theoretical)
MAX Running Time	14 Hours	14 Hours
Transport Dimensions	3780*1675*3175mm	3780*1675*2975mm
Operate Dimensions	3800*3245*9400mm	3800*3245*7400mm
Gross Weight	1150KG	1150KG
Container Loading	20GP: 6 Units, 40HQ: 14 Units	