

HYBRID POWER

LIGHTING TOWER

HSL SERIES

THE FULL AUTOMATIC SOLAR LIGHTING TOWERS IS EQUIPPED WITH **4×75W** LAMPS / **4×112W** LAMPS / **4×150W** LAMPS.

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ECO Friendly
& Low Emission



LED^{DC}
LIGHTING TOWER

HYDRAULIC
MAST
HIGH
STRENGTH

MAST
UP TO
7.2m

Technical data

Model		HSL-1380	HSL-1840	HSL-2760	HSL-3680
Discharge Duration	hr.	46.0	46.0	30.0	46.0
Self Charge Duration	hr.	11.0	8.0	5.5	8.0
Solar Panel	Wp	460			
	pcs	3	4	6	8
Control System		Automatic Control (Lamp / Solar / Battery)			
Lamp Power	W	75		112	150
Luminous Efficiency	Lm/W	> 200			
Lamp Qty.	pcs	4			
Luminous Flux of Lamp Array	Lm	62000		92000	124000
Total Irradiation Area (Min.≥5lux, 7.2m Mast)	m ²	2000		3000	4000
Battery Model		LFP MF51100			
Nominal Capacity	kWh	5.12			
	Ah	100			
Nominal Voltage	VDC	51.2			
Battery Qty. (PACK)	pcs	2	3	4	
Mast Lifting Type		Vertical			
Lifting Height	m	7.2			
Driving Type		Hydraulic			
Horizontal Rotation Angle	deg.	0~355			
Vertical Rotation Angle	deg.	22~90			
Alex Type		Single alex			
Braking Mode		Parking hand break + Overrun device			
Maximal Moving Speed	km/h	80			
Loading Dimensions(LxWxH)	mm	2300*1150*2500	2300*2300*2500	2500*2300*2500	2500*2300*2500
Expanding Dimensions(LxWxH)	mm	3400*3080*7200	3400*5280*7200	3400*6480*7200	4900*6480*7200
Net Weight	kg	900	1000	1200	1450
Loading Units	40HQ	10pcs	5pcs	5pcs	5pcs





Solar
Lighting towers



Venue



Rental



Highway



Field Construction

Features:

Powerful design, Safe and reliable low-voltage operation system. These towable solar light towers can be used for any application where a diesel, gas or electric generator-powered light tower is needed.

- Can meet no mains and battery shortage environment.
- High performance LED lighting.
- Slided and folded solar panels, compact and green.
- The solar panel is controlled by the electric push rod.
- Convenient mains input and gasoline generator input interfaces.
- On-road trailer speed $\leq 80\text{km/h}$.
- The mast could be rotated horizontally by 0 - 355 degrees.

Options (With extra charge)

- Electric winch, vertical telescopic mast.
- Output plug is optional according to voltage, which can load a variety of electric equipment.
- Standby gasoline / diesel generator charge the battery when shortage.
- Equipped with 4G router and web camera, supporting the function of road monitoring.
- Settable Load Model (a. 24 hours working b. Working hours setting c. 8 hours working at night only) .

◀ Solar panels can be adjustable tilt angle/fixed angle (Option)

◀ Solar panels can be slided and expanded

Battery type: LFP

ECO Friendly & Low Emission, just great light, complete silence and fresh air.



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