

Model: HLT-1200W

ZERO fuel
ZERO running noise (0 db)
ZERO unreliability
ZERO maintenance cost



Mobile Solar LED Light Tower

General Specification

Solar Panel	4*300W Polycrystalline
Rated Power (LED Lamp)	4*100W
Working hours	10 hrs/day , back up 28 hrs
Rated Output Voltage	DC24V
Weight	1850kg
Inverter (Opt.)	1kVA 220V(optional)
Battery	1200Ah (8pcs 12V 150AH)
Trailer standard	12 hrs/day , back up 2 hrs
Charge controller	24V 10A *4pcs
AC charger	Max. 48A (12A/each battery)

Battery Bank

Type	Solar Energy Deposited Type
Model	150AH 12V
Weight	42.5kg/pcs
Maximum Charging Current	30A
Quantity	8pcs

LED Light

Type	LED flood light
Input Voltage	DC24V
LED Power	100W
Chip	CREE/Bridgelux
Rotation Angle	360degree
LED Luminous flux	80lm/w (90lm/w is Opt.)
Correlated Color Temperature	5500K (custom color is Opt.)
Protection class	IP65

Warranty/Life

Whole product (excl. battery): 3 years warranty /15 years life
Solar panel: 10 years warranty / 25 years life
Battery : 2 years warranty / 5 years life
LED Light: 2 years warranty / 50,000 hours life span

Features

All our Solar Mobile Lighting towers are designed in USA to the highest standards.

With our fabrication facilities we are able to include or customised accessories for your desired performance or requirements.

The HLT-1200W has exceptional Light output, and it requires ZERO fuel, ZERO unreliability, ZERO running noise and ZERO maintenance cost, which is revolutionary product after the traditional Lighting Towers.

Designed for continuous night work in a wide range of applications including Mining, Road works, Construction, Hazard illumination, Remote area lighting, Civil works, Agriculture and Outdoor Events.

How it works

System	4 Independent Solar Power System
Rated Current	4* 12A(Solar Input) , 4*4A (Output for light)
Rated Voltage	24V
Floating Charge Voltage	27.6V
Battery Charging Control	Stop Charging Voltage: 28V
Working Mode	Each light has 3 switch options as below : a) Dusk till dawn (Auto) b) Charge Only c) Manual (AC working mode)
AC output (Opt.)	Supply 110V/220V 1kW AC for emergency
AC input	Can be charged by AC for emergency

Trailer

Type, Protection class	USA standard type trailer, IP65
Surface treatment	Powder coated ,Custom color
Coupler	2" Ball coupler
Pulling Speed	Max. 80km/h
Supporting Wheel	15" standard trailer wheel ,215/175

Mast

Type	Hand crank
Lifting Height	3.3-8.5m
Max. loading weight	110kg

A product guaranteed by **HOYA**
Quality, responsibly