

HYBRID RANGE



APPLICATIONS:

Municipal
Agriculture
Security

CD

COMMERCIAL DUTY

HYBRID TECHNICAL DATA SHEET

DIESEL POWERED LIGHTING TOWER

Lighting Coverage 210000 lumens / 5000m²
Generator Power 1.6kVA 220V

MODEL: HHLT 1600-220-S-4x350

Powered by

Plusrite

HALO
MOBILE LIGHTING TOWERS

SPECIFICATION

ENGINE

Engine	-
Make/Model	-
Fuel Consumption	-
Cooling	-
Output	-
Coupling Shaft	-
Revolution (rpm)	-
Electric System	-
Starting Method	-
Number of Cylinders	-
Displacement L (cu, in)	-
Engine shutdown protection	-

ALTERNATOR

Make/Model	-
Output	-
Frequency	-
Voltage output	-
Coupling	-
Regulation	-
Insulation	-
Coupling	-

CONTROL PANEL



Controller	Smartgen ALC736-4G
Breaker Make and Size	ABB or Equivalent 16A
IP Protection	IP55
Battery Charger	Smartgen
Battery	12v - 16Amp Hour

FUEL AND RUNNING HOURS

Material	Metal Self Bunded Tank
Capacity	-
Metering and Level Display	Yes - Mechanical
Total Running Hours	-

LIGHTING



Lighting	4 x 350W LED
Lumens	210 000
Type of Lamp	Rectangle Type LED Lamp
Individual LED switch on/off	YES
Automatic dark/dawn on/off (Night Sensor)	YES
Power plug in charger (City power charging function)	YES
Lamp No.	Lamps / Mast
Total Lighting Area Sqm (m2)	5000m ²

SPECIFICATION

TRAILER & ENCLOSURE		MAST TOWER	
Construction - Enclosure	Powder Coated Mild Steel	Type	Telescopic
Sound Attenuation	Yes	Total Height	8M
Sound Level	0db	Section Type	Multi-Sections
IP Rating	IP23	Wind Speed	80KM/H
Braking	Drum Brakes with Handbrake	Rotation	350 degrees
Axle	Single Full Beam Axle	Lights Tilttable	Yes Manually
Outriggers	4 Manual Outriggers and Jack Down Type	Operation Type	Manual Operated
Suspension	Dual Leaf		
Trailer Axle	Single Axel	BATTERIES	
Hitch	Ball Hitch "Dead Man" Security Chain	Battery Capacity	1200 AH (8 x 150ah or 6 x 200ah batteries)
Jockey Wheel	Yes-Light Duty	Battery Type	48V AGM deep cycle solar storage batteries maintenance free
Wheel and Rim	185R/14"	Panels Quantity	4 x 350w
Number Plate Lighting	Yes	Panels Type	Monocrystalline silicon tempered glass
Forklift Lifting Points and Entry Holes	Yes	Charging	MPPT Charging
Options	Refer to options page		

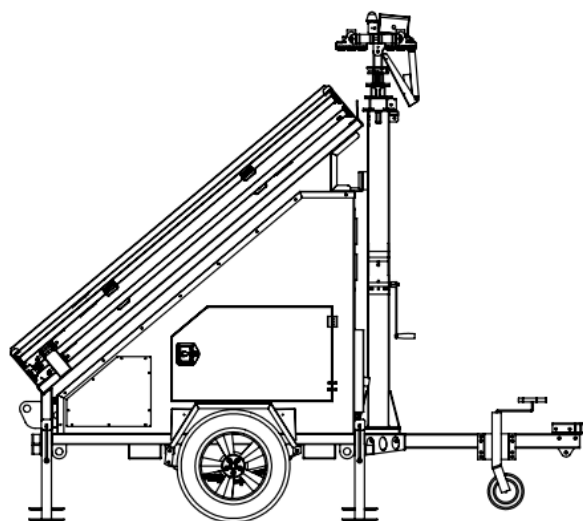
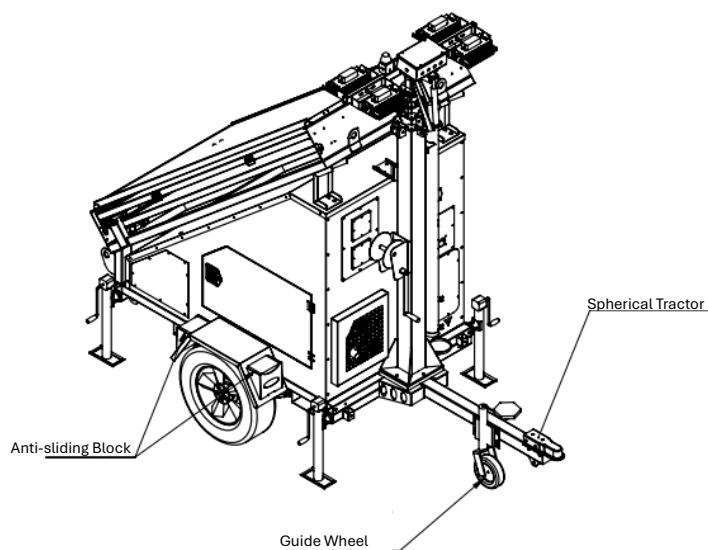
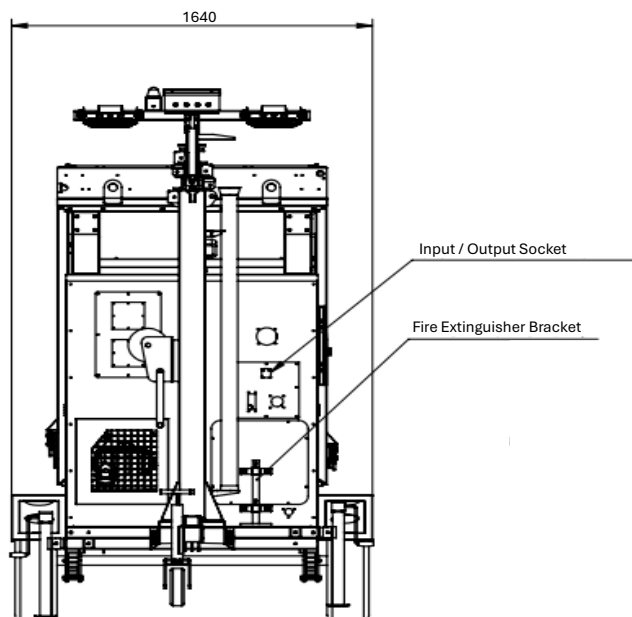
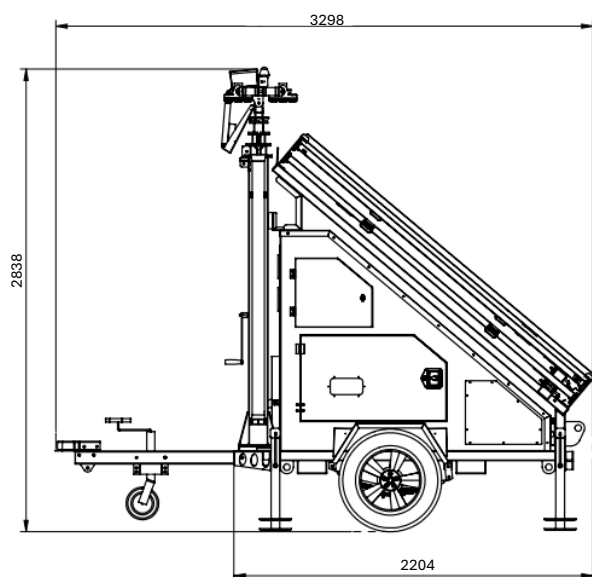
IMAGES

Type	Telescopic		
			
	BACK VIEW	FRONT/SIDE VIEW	CLOSE SIDE VIEW

OPTIONS

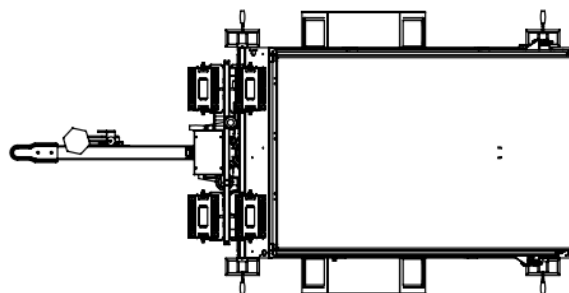
JOCKEY WHEEL	FARMERS EYE HITCH (70mm RING)	COUPLER & BRAKE 50mm BALL
		
Supports and stabilizes the trailer's front end (nose weight) when uncoupled.	Provides a strong and secure towing connection between tractors, implements, trailers, or farm machinery.	Couples trailer drawbar to towing vehicle and provides controlled braking to improve safety and stability during towing.
IP55 2PIN PLUG	IP55 3 PIN PLUG	IP55 3 PHASE PLUG
		
Provides a secure electrical connection for single-phase power supply in outdoor or industrial environments.	Provides a safe and weather-resistant electrical connection for outdoor and industrial equipment.	Provides a secure and weather-resistant connection for three-phase power supply to industrial and outdoor equipment.
YELLOW -SIDE	RED - REAR	WHITE - FRONT
		
High-visibility safety tape for marking trailers, vehicles, and equipment.	High-visibility safety tape for marking trailers, vehicles, and equipment.	High-visibility safety tape for marking trailers, vehicles, and equipment.
CHEVRON PLATE	WHEEL CHOCKS	HAZARD LIGHT
		
A chevron plate is a plate with a V-shaped pattern, often in contrasting colours, used for safety and visibility.	Wheel chocks are wedge-shaped blocks placed against a vehicle's wheels to prevent accidental movement.	A hazard light is a vehicle's flashing warning light used to alert others of danger or a stationary vehicle.
ISOLATOR SWITCH	FIRE EXTINGUISHER	
		
An isolator switch disconnects electrical power for safety during maintenance or emergencies.	A fire extinguisher is a portable device used to put out small fires safely.	

DRAWINGS



WEIGHTS DIMENSIONS & SHIPPING INFORMATION

Length:	2200 mm
Width:	1500 mm
Height:	2500 mm
Weight (Dry)	1375 kg
Weight (Wet)	1375 kg
Qty per 20ft Container - Shipping	4
Qty per 40ft Container - Shipping	8



NOTES

ASSEMBLED & DISTRIBUTED BY:



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DEALER DETAILS:[illegible]