






MLT4-600DHBL

HYBRID POWER LIGHTING TOWERS



✓ Product characteristics

-  Less fuel 、 Long run time
-  Auto control system
-  High efficiency
-  Sturdy and durable
-  Max height 9m

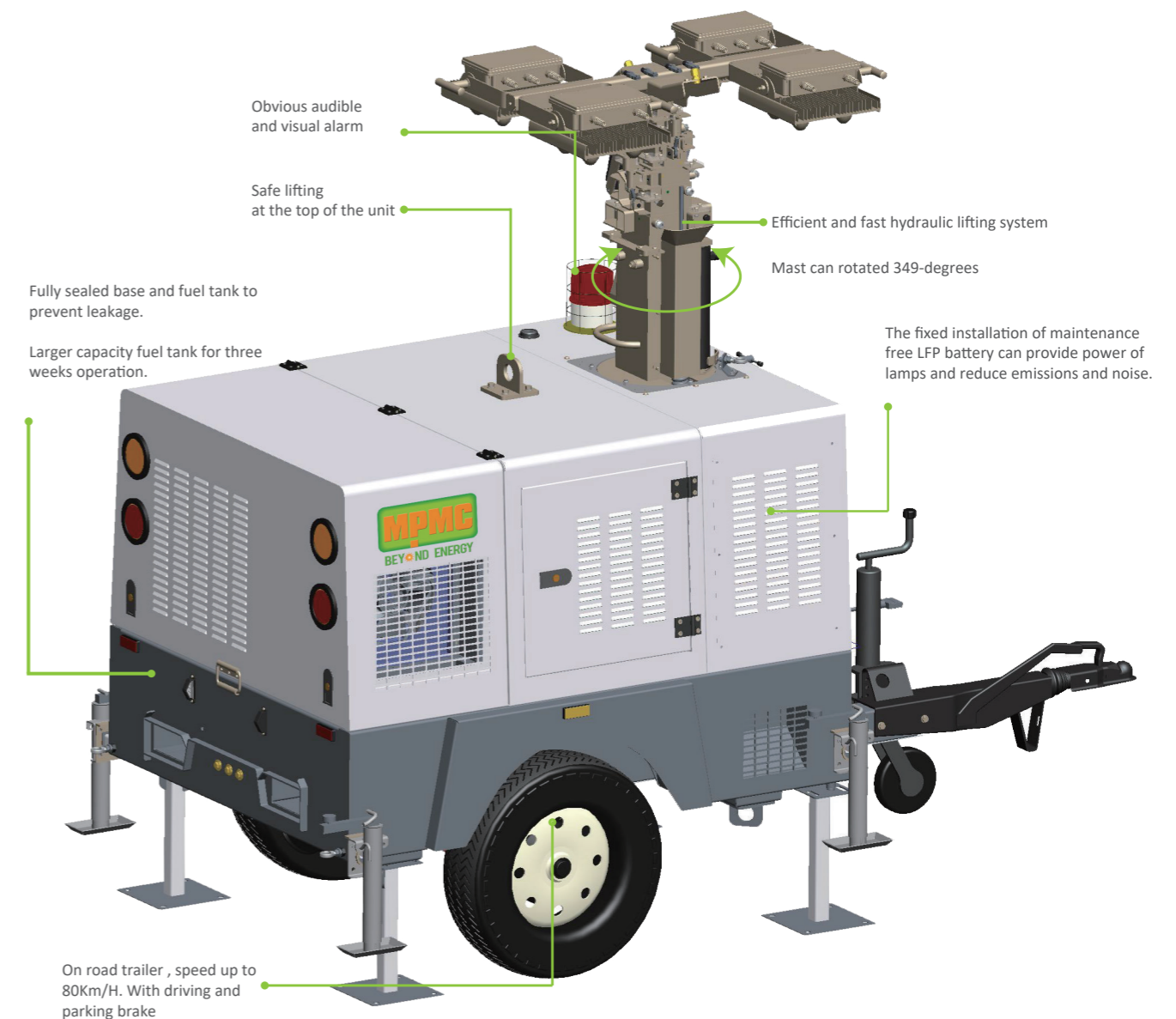
MLT4-600DHBL HYBRID POWER Lighting Towers

Application



Product performance and advantages.

- Environment friendly and resource saving ;
- Strong structure and easy operation;
- More than 14 hours lighting time by storage energy;
- Silent lighting at night by LFP batteries;
- Low noise charging for daytime(less than 63dB(A));
- BMS for LFP batteries protection;
- Auto control lights at day and night;

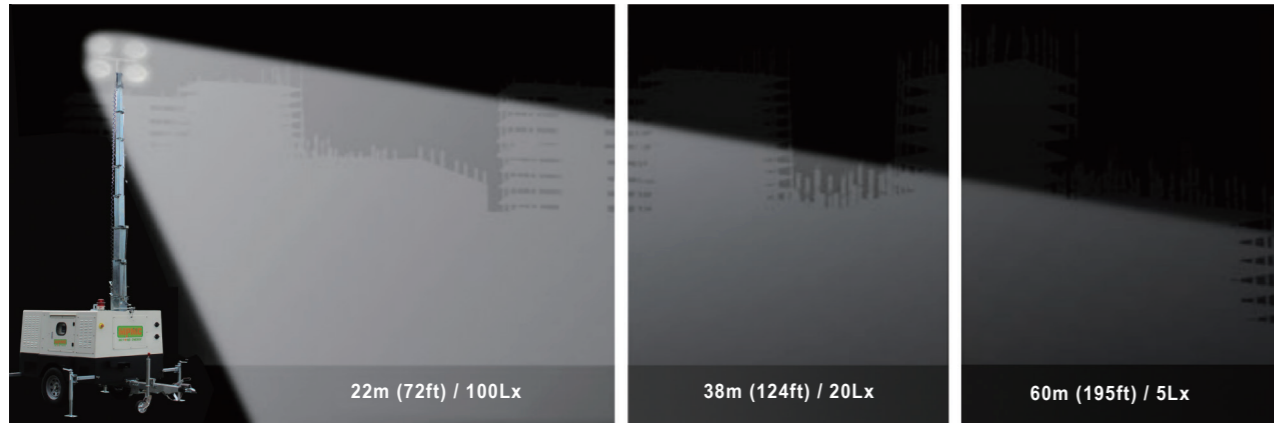
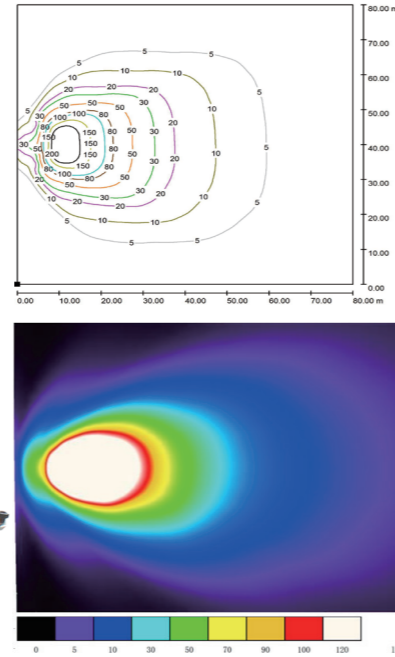


Lamp can be adjusted 90 degrees

Turntable canopy structure,
easy maintained

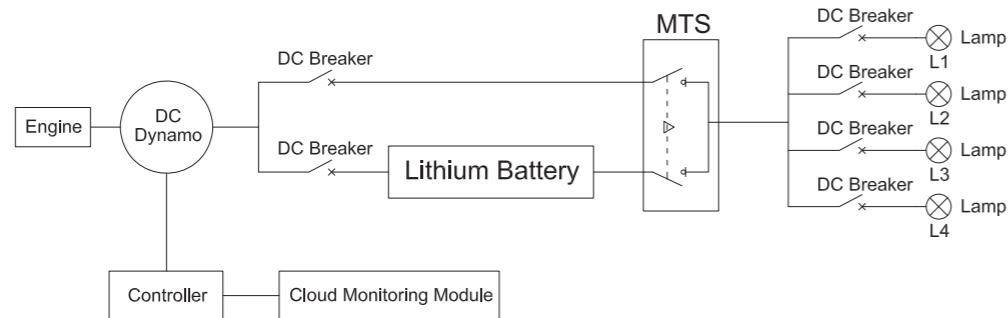
Integrated and
friendly operation
interface

4x350W-DC48V 9m Isolux curve

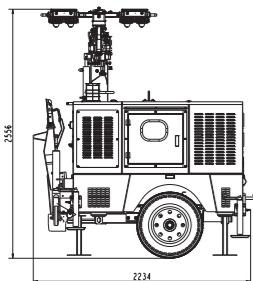


Function diagram

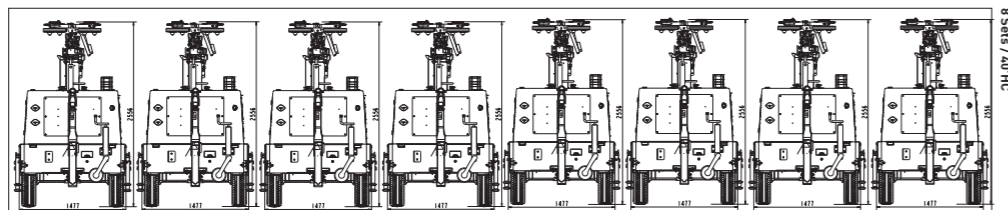
Single line diagram



Pack dimension



Packing diagram



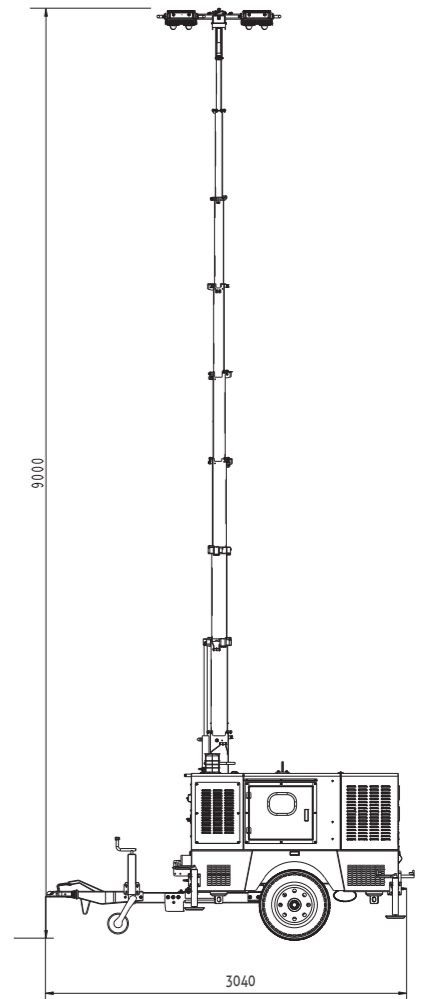
Model		MLT4KL-600DHBL	MLT4YL-600DHBL
Discharge Duration	hr.	15.0	
Charge Duration	hr.	6.0	
Pack Dimension	mm	2234*1477*2557	
Net Weight	kg	1500	
Fuel Capacity	L	100	
Control System		Automatic control (Lamp / Genset / battery)	
Lamp Power	W	150	
Luminous Efficiency	Lm/W	150	
Luminous Flux	Lm	225000	
Lamp Qty.	pcs	4	
Total Irradiation Area (Min.≥5lux,9m Mast)	m²	2578	
Total Irradiation Area (Average≥20lux,9m Mast)	m²	2352	
Battery Model		MF51300	
Nominal Capacity	kWh	15.36	
	Ah	300	
Nominal Voltage	VDC	51.2	
Battery Qty.	pcs	1	
Engine Model		Z482-B-CHN-1 (1500/1800rpm) Z482-D2-EF07e (1800rpm)	2TNV70-HGE (1500/1800rpm)
Alternator Model		MD3.0-48	
Genset Rated Power	KW	3	
Genset Voltage Range	VDC	50~60	
Mast Lifting Type		Vertical	
Lifting Height	m	9	
Driving Type		Hydraulic	
Horizontal Rotation Angle	deg.	349	
Vertical Rotation Angle	deg.	90	
Trailer Loading Capacity	kg	1600	
Alex Type		Single alex	
Tire Size		185R14	
Braking Mode		Parking hand break + Overrun device	
Running Speed	km/h	80	

Standard configuration

- Leak proof frame & standard canopy
- 1600KG trailer with Driving and parking brake
- Standard lifting eyes
- Hydraulic lifting power pack
- MPMC Standard control system. Integrated control for easy operation
- Heavy-duty stablished supports
- 100L fuel tank ,for more long run times
- Emergency shutdown

Optional

- ATS switch gear
- Cloud system
- Output plugs for DC48V
- Heater
- Ring Traction head



MPMC HYBRID POWER SOLUTIONS

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www.mpmc-china.com

Warranty

2 years or 1500 hours from the date of shipment, whichever comes first, refer to the MPMC warranty document.

The right of interpretation belongs to MPMC

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