

HYBRID POWER

LIGHTING TOWER

HBL SERIES

THE HYBRID LIGHTING TOWER IS EQUIPPED WITH
4*150W LED LAMPS / 4*250W LED LAMPS / 4*350W LED LAMPS.



LED^{DC}
LIGHTING TOWER



Technical data

Model		MLT4KL-1400DHL	MLT4YL-1400DHL	MLT4KL-1000DHL	MLT4YL-1000DHL	MLT4KL-600DHL	MLT4YL-600DHL
Discharge Duration	hr.	9.0		12.0		15.0	
Charge Duration	hr.	3.0				6.0	
Pack Dimension	mm	2234*1477*2557					
Net Weight	kg	1540			1500		
Fuel Capacity	L	100					
Control System		Automatic control (Lamp / Genset / battery)					
Lamp Power	W	350		250		150	
Luminous Efficiency	Lm/W	160		155		150	
Luminous Flux	Lm	56000		38750		22500	
Lamp Qty.	pcs	4		4		4	
Total Irradiation Area (Min.≥5lux,9m Mast)	m²	3780		3159		2578	
Total Irradiation Area (Average≥20lux,9m Mast)	m²	6400		4624		2352	
Battery Model		MF51300					
Nominal Capacity	kWh	15.36					
	Ah	300					
Nominal Voltage	VDC	51.2					
Battery Qty.	pcs	1					
Engine Model		Z482-ET03 (3000rpm)	2TNV70-HGE (3000rpm)	Z482-ET03 (3000rpm)	2TNV70-HGE (3000rpm)	Z482-B-CHN-1 (1500/1800rpm) Z482-D2-EF07e (1800rpm)	2TNV70HE (1500/1800rpm)
Alternator Model		MD6.0-48				MD3.0-48	
Genset Rated Power	KW	6				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					



Hybrid type
Lighting towers



Mining



Rail way



Construction



Highway



Construction Field



Rental

Features:

MPMC mobile light towers focus on improving product reliability and durability by improving fuel consumption efficiency; lowering operating costs and maintenance costs.

Product performance and advantages.

- Environment friendly and resource saving ;
- Strong structure and easy operation;
- More than 9 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;

**Fuel saving up to 75%,
Extended engine life!**

BATTERY + DIESEL



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