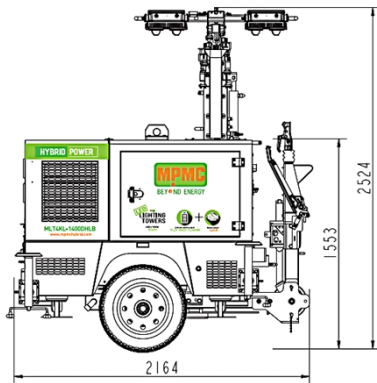


## MLT4KL-600DHBL

### HYBRID POWER LIGHTING TOWER



Lithium battery pack

51.2V 314Ah 16 kWh



Rated output

6.0kW

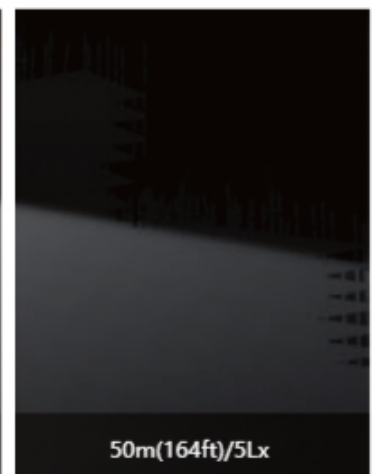
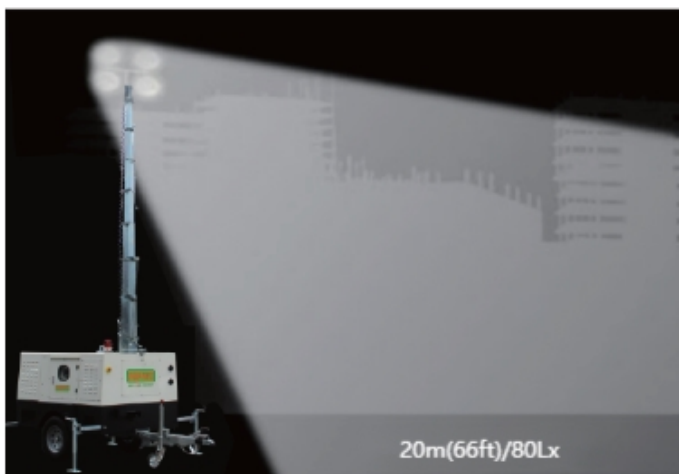
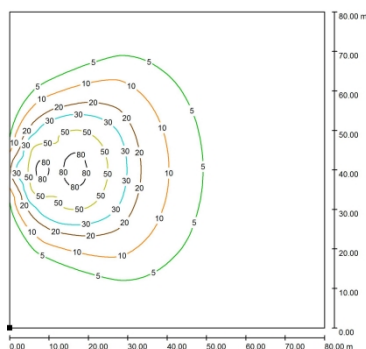
### Products performance and advantages

- Environment friendly and resource saving
- Strong structure and easy operation;
- More than 15 hours lighting time by storage energy;
- Silent lighting at work by LFP batteries;
- BMS for LFP batteries protection;
- Auto control lights at day and nights

### Products characteristics

- Less fuel consumption, long run time
- Auto control system
- High efficiency
- Sturdy and durable
- Max height 9m

### 4 x 150W 9m Isolux curve



## General

|                           |                |
|---------------------------|----------------|
| Rated Voltage             | DC48 V         |
| Rated Genset Power        | 6.0 kW         |
| Environmental Temperature | -10 °C ~ 50 °C |
| Trailer Attachment        | Ball           |
| Max Towing Speed          | 80 km/h        |
| Wind Speed Rating         | 100 km/h       |
| Tire Rim Size             | 14"            |

## Dimensions & Weight

|                         |                              |
|-------------------------|------------------------------|
| Dimensions (Towing)     | 3454x1756x2529mm (L x W x H) |
| Dimensions (Deployed)   | 3454x2456x9552mm (L x W x H) |
| Dimensions (Stowed)     | 2270x2193x2529mm (L x W x H) |
| Container Load Capacity | 7 units / 40HC               |
| Weight                  | 1550 kg                      |

## Engine & Alternator

|                  |                                   |
|------------------|-----------------------------------|
| Engine Model     | Kubota Z482-ET03                  |
| Emission         | China T3 (Equal to EU Stage IIIA) |
| Alternator Model | MD6.0-48                          |
| Rated Speed      | 3000 rpm                          |

## Battery Energy Storage System

|                          |                            |
|--------------------------|----------------------------|
| Type                     | LFP (LiFePO <sub>4</sub> ) |
| Rated capacity           | 16.07 kWh                  |
| Control system           | BMS                        |
| Cycle Life               | 6000                       |
| Discharge of Depth       | 90%                        |
| Battery Discharging Time | 12 h                       |
| Battery Charging Time    | 3 h (option)               |

## Fuel Tank

|                    |       |
|--------------------|-------|
| Capacity           | 100 L |
| Total Running Time | 360 h |

## Lighting & Mast

|                      |                       |
|----------------------|-----------------------|
| Light type           | 4 x 150 W LED         |
| Lumens               | 120000                |
| Mast Raise Operation | Hydraulic             |
| Mast Rotation        | 355° Manual Operation |
| Light Tilt           | Electrical            |

## Cloud (Option)

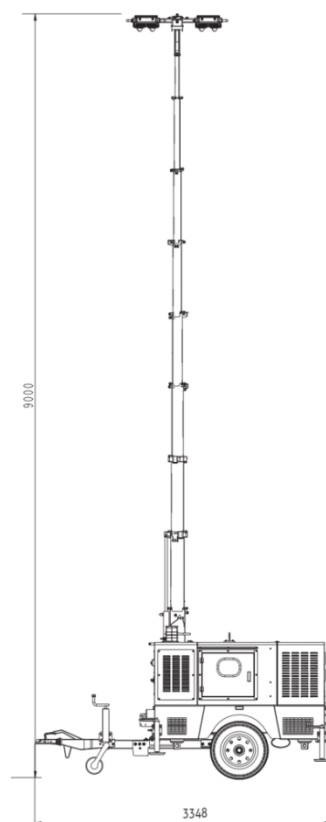
|      |             |
|------|-------------|
| Type | GPS/GPRS/4G |
|------|-------------|

## Standard Configuration

- Bundled base & standard canopy
- 1800kg trailer with overrun and parking brake
- Standard lifting lug
- Hydraulic power pack
- Smart control system
- Heavy-duty stabilizer legs
- Emergency stop button

## Options

- Cloud system
- Preheater
- Ring tow point



MPMC USA



MPMC UK



MPMC ZA



MPMC UAE



MPMC PA



MPMC CN

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All information in this document is substantially correct at time of printing and may be altered subsequently. Final weight and dimensions will depend on completed specification.