

# Portable Solar Light Towers

## Frequently Asked Questions

### 1: How are the light towers powered?

A: The smaller 1000 series units are powered by high performance lithium batteries. The larger 4000 and 6000 series units use sealed lead acid (SLA) batteries. The smaller 1000 series units require a battery charger for re-charging. The larger 4000 and 6000 series units use solar panels to charge the batteries during the day.

### 2: What is the benefit of battery powered towers over fuel powered towers?

- A:
- Environmentally friendly
  - No noise as a generator is not required
  - No smell
  - No fuel emissions
  - Reduced set up labour and fuel costs

### 3: Where can the light towers be used?

- A:
- Construction work zones
  - Parking lots
  - Special events
  - Roadworks
  - Emergency response
  - Oil and mining applications

### 4: What is the brightness of the light tower?

- A:
- |              |                        |
|--------------|------------------------|
| - PTL-1000   | up to 14k lumens       |
| - PPL-1000   | up to 14k lumens       |
| - PSLT-4000S | up to 42k lumens total |
| - PSLT-6000  | up to 63k lumens total |

### 5: How many LED lamps does the light tower use?

- A:
- |              |                       |
|--------------|-----------------------|
| - PTL-1000   | 1 adjustable fixture  |
| - PPL-1000   | 1 adjustable fixture  |
| - PSLT-4000S | 4 adjustable fixtures |
| - PSLT-6000  | 6 adjustable fixtures |

### 6: How are the light towers protected against theft?

A: The larger 4000 and 6000 series units come with a foldable and lockable draw bar to prevent towing by unauthorised people. The smaller 1000 series units come equipped with a pin and padlock preventing the support strut from being able to close.

### 7: What is the mast height of the light tower?

- A:
- |              |        |
|--------------|--------|
| - PTL-1000   | 4267mm |
| - PPL-1000   | 4267mm |
| - PSLT-4000S | 6096mm |
| - PSLT-6000  | 7924mm |

# Frequently Asked Questions continued

## 8: What makes the Ver-Mac light towers so much brighter than any other light tower?

A: Nightbrite Technology - Innovative exclusive LED future design provides increased brightness using less power consumption

## 9: What is the weight of the light tower?

A:

- PTL-1000	41kg
- PPL-1000	53kg
- PSLT-4000S	710kg
- PSLT-6000	1225kg

## 10: What solar panels are used by the light towers?

A:

- PTL-1000	N/A
- PPL-1000	N/A
- PSLT-4000S	295 watts total / tilt up to 30 degrees
- PSLT-6000	900 watts total / 360 degree rotation / tilt up to 60 degrees

## 11: How do the light towers secure in place during operation?

A:

- PTL-1000	3 x adjustable tripod legs
- PPL-1000	3 x adjustable tripod legs
- PSLT-4000S	4 x adjustable corner stabilisers
- PSLT-6000	4 x adjustable and extendible corner stabilisers

## 12: What type of mast system do the light towers use?

A:

- PTL-1000	Telescopic extension system (manual adjust)
- PPL-1000	Telescopic extension system (manual adjust)
- PSLT-4000S	Manual winch system
- PSLT-6000	Manual winch system

## 12: What batteries are used in the light towers?

A:

- PTL-1000	44.4 A/h at 25.6V (lithium)
- PPL-1000	44.4 A/h at 25.6V (lithium)
- PSLT-4000S	470 A/h wired in a 24V system (sealed lead acid)
- PSLT-6000	940 A/h wired in a 24V system (sealed lead acid)

## 13: Is the brightness level adjustable on the light tower?

A: Yes. The smaller 1000 series units have an adjustable switch with 3 variations of brightness settings. The larger 4000 and 6000 series units have an advanced on board controller where you can schedule and control the brightness and duration of your lighting event.