



# SOLAR

## Mobile Lighting Tower Series

LIGHT  
YOUR  
SITE  
TONIGHT



### COST SAVINGS

zero fuel consumption helps lowering the environmental footprint.



## KEY FEATURES

Blue Diamond Mobile Lighting Tower units are ideal for special events, construction and mining sites, security and any other application where on-demand lighting is desired. This system provides cost effective LED lighting without all of the disadvantages inherent to diesel lighting systems - high operating costs (diesel fuel, maintenance and labour) as well as carbon emissions, noise and fumes.



### LED FIXTURE

No with warm up or cooldown time more energyefficient.



### GREEN POWER

Reduce fossil fuel consumption eliminating pollution



### EASY OPERATION

Simple DC system, Automatic control of lights ON/OFF



# TECHNICAL DATA

Blue Diamond Mobile Solar Lighting Towers come in two models:

**SLT400** with 4 x 100W LED

**SLT600** with 4 x 150W LED

Benefits:

- User Friendly
- Mine site ready
- Simple one person operation
- Australian made
- Quality built
- 360° manual mast rotation (Model SLT600)
- 600AH - 48V Battery Bank capacity
- Automated solar panel deployment -optional



Model	SLT400	SLT600
Type of light	4 x 100W LED	4 x 150W LED
Light output	60,000 Lumens	90,000 Lumens
Solar Panel	Panel Monocrystalline	Panel Monocrystalline
Rating power	3 x 380W	4 x 455W
Battery Capacity	6 x 200AH Gel-battery	8 x 200AH Gel-battery
Controller	MPPT	MPPT
System Voltage	DC24V	DC24V
Mast Materials	Galvanised	Galvanised
Maximum Height	7m	9m
Rotation	/	360
Lifting System	Hydraulic	Hydraulic
AC Output (optional)	2kw AC110V	2kw AC110V
Battery Charger (Optional)	2500W AC110V	2500W AC110V
Operating Time	30 Hours	27 Hours
Charger Time (Solar)	11 Hours	11 Hours
Charger Time (AC)	7 Hours	9 Hours
Axle No:	Single axle	Single axle
Type and Rim	215/75R15	215/75R15 C
Stabilisers	4 x Manual Adjustable Stabilisers	4 x Manual Adjustable Stabilisers
Tow Hitch	50mm Ball	50mm Ball
Dimensions	3420 x 1575 x 2510 mm	3500 x 2200 x 2400 mm
Weight	1250 Kg	1450 Kg

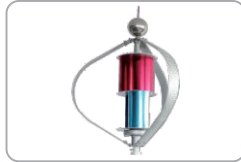
## OPTIONAL



BROADCASTING SYSTEM



INVERTER



WIND TURBINE



CCTV CAMERA



WIFI



360 DEGREE ROTATION

## DETAILS



1

SOLAR PANEL



2

TELESCOPIC MAST



3

GEL-BATTERY ROOM



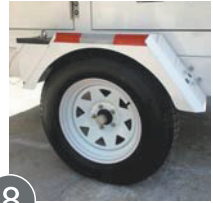
5

A-FRAME DRAWBAR



7

SAFETY LOCK



8

TRUCK TYRES

## ON-SITE

