

BARRICADES AND SIGNS



SOLAR POWERED LIGHT TOWER

Our solar powered light towers are designed to be versatile and rugged, utilizing heavy duty construction, they provide an excellent solution for most work site and security lighting requirements. These towers are built to be simple, convenient, environmental friendly and require very little maintenance.

The mast is equipped with four heavy duty LED lamps, each one featuring ultra-high intensity, state of the art LED's that shine with remarkable brightness. The high performance fixtures are designed to maximize the light output of each LED, equalling very little "lost" light. The solar powered light tower can be purchased with either 40,000 or 65,000 total lumens. To maximize battery life, the control system is equipped with several settings including automatic on/off at dusk and dawn, and programmable run times from 3 to 12 hours.

To minimize the charging time, the light tower is equipped with easy to read gauges and a versatile solar array, capable of 70° of tilt. Used together these will allow you to quickly adjust the array to collect the maximum amount of sunlight. If required, a built in 110 AC power connection makes it very easy to re-charge the battery bank.

FEATURES:

- High Intensity LED Lamps
- 40k to 65k lumens
- No Light bulbs
- Heavy Duty Chassis
- 70° Tilting Collector
- Motion Detection
- Automatic On/Off
- Dual Security Locks
- Five Timer Settings
- Sealed Batteries
- Runs for Months (dependant on area)
- No noise
- No fuel
- No fumes or spills
- Little maintenance
- Engine free and no alternator



MAST

Mast height up: 20'
Mast height down: 10'
Mast base: 5" square, 3/16" wall, easy glide, welded turn handles
Mast type: Three stage with light stored vertically, 360° rotation
Mast cable: 3/16" wire rope, 4,200 breaking strength
Winch type: 2500 lb, double disc, self braking hand winch, electric lift - optional

POWER SOURCE

Collectors: Polycrystalline, nested in steel frame, anti-theft fasteners
Meters: Momentary, LED type, to display solar collector output
Collector tilt: 0° to 60° via a manual crank depending on model
Charger: 30A, 24v, fan cooled, external plug
Batteries: AGM sealed, 12v wired for 24v
Battery controller: 30A, PWM type
Photocell: Manual or dusk to dawn operation
Timer: Allows multiple daily on/off times
Output: 24v

LAMPS

Type: High Intensity LED's
Housing: Formed Aluminum
Window: 177" thick polycarbonate, fully gasketed
Control: Lamps can be turned on individually
Power Tilt: Optional electric tilt
Orientation: Each lamp tilts and turns, all lamps can tilt 90° to 180° to create down lighting

TRAILER

Width across fenders: 78"
Length: 121" (model 500 and 1000) 131" (model 750)
Axle: 3500 lb
Tires and wheels: ST205/75D15 load range C
Hitch: 2" ball coupler with other options
Draw bar: 3" square tube, 3/16" wall, removable
Weight: 2250 lb model 40 and 65
Jacks: [4], swing type, 2000 lb ea, [1] wheel type on draw bar
Battery Box: 14 ga. formed steel, anti-theft, dual hidden solid security locks

MODEL 500

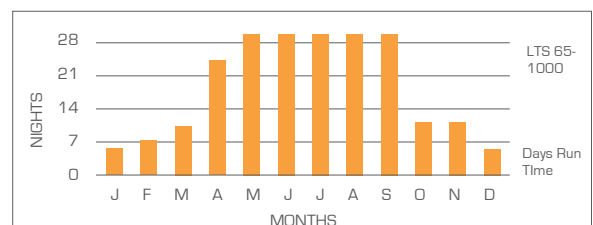
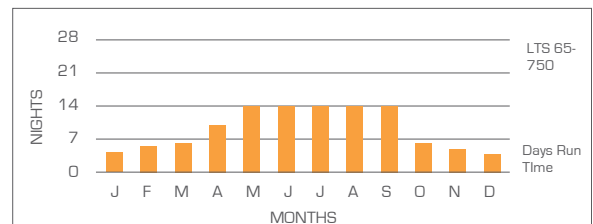
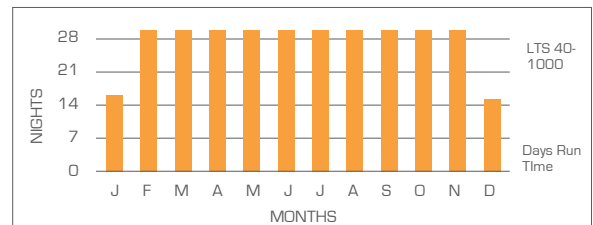
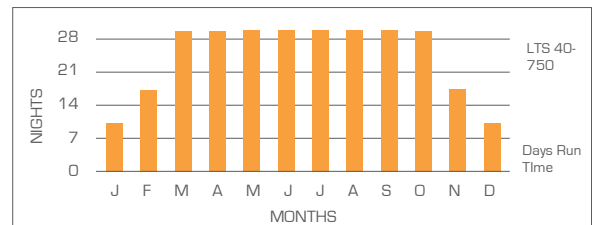
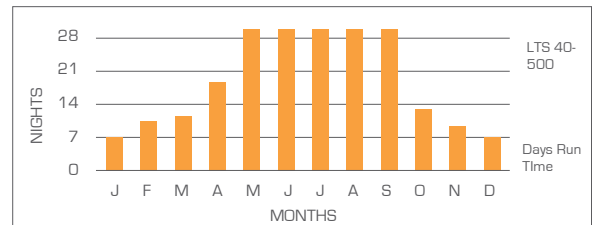
Smallest of the solar models
For shorter term use
500 watts
40k or 65k lumens
2,250 lbs
20 ft mast
Sealed batteries
Collector meter
Constant sun facing solar array

MODEL 750

Suitable for most applications and regions
Medium duty
750 watts
40k or 65k lumens
2,500 lbs
Slide out solar array
Heavy duty slides with safety latch
Long run time
Optional electric lift

MODEL 1000

Largest of the solar models
1000 watts
40k or 65k lumens
2,700 lbs
Dual side sliding solar array with safety latch
Very long run times for challenging areas
Constant sun facing solar array
Optional electric tilt lamps



Figures shown are for California.
Performance can vary depending on your location.
Call the factory for details.