

Our new addition to the Sunray™ line of portable products is the Sunray™ LTS solar light tower. This tower is designed to meet the rigors of heavy use areas such as construction, mining, utility, and security. The LTS mast, like the trailer, is built extra heavy to provide a solid foundation for almost any use.

- *Optional electric tilt lamps*
- *No fuel, no fuel trips, no fuel spills, no fuel bills*
- *Virtually maintenance free; no engine, no alternator*
- *Great for rental; silent with no fumes*
- *Simple to operate*
- *Scalable lighting*



On top of the mast are four heavy duty LED light fixtures with ultra-high intensity, state of the art LED's with remarkable brightness. LED light fixtures boast brightness levels of 40W, 85W and 160W. These high performance light fixtures are designed to maximize light utility with very little 'lost' light. To maximize battery life, the control system is equipped with several selections including automatic on/off at dusk and dawn and settable run times from 3 to 12 hours.

To maximize charge time we equipped the solar array with large tilting angles. Easy to read meters let you quickly determine the best orientation to collect sunlight. A built in charger with an external charge receptacle makes it easy to charge the maintenance free battery bank if needed.

### Applications:



Traffic



Construction



Mining



Utilities



Security

# Specifications

## Mast

Mast height up	20'
Mast down	10'
Mast base	5" square, 3/16" wall, easy glide, with 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, electric -optional

## Lamps

Type	High intensity LED's
Housing	Formed Aluminum
Orientation	Each lamp tilts and turns, all lamps can tilt 90° - 180° to create down lighting
Lens	Molded 60°
Control	Lamps can be turned on individually
Power Tilt	Optional

## Power Source

Collectors	Polycrystalline, nested in steel frame, anti-theft fasteners
Output	24v
Meters	Momentary, LED type, one for each collector
Collector tilt	0° to 60° via a manual crank
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	3, 6, 9 and 12 hours plus Monday through Sunday

## Trailer

Width across fenders	78"
Length	121"
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 lbs model 40 and 65
Battery Box	14 ga. formed steel, anti-theft, dual no shackle solid security locks
Jacks	(4), swing type, 2000 lb ea., (1) wheel type on draw bar

Model	Solar Array	Battery Capacity	Lamps	Brightness
Sunray LTS-500	500W	630Ahr	4	3 levels
Sunray LTS-750	750W	630Ahr	4	3 levels
Sunray LTS-1000	1000W	630Ahr	4	3 levels

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