

Solight R6W Solar Light Tower

ADVANCED SOLAR ENERGY GENERATION

Three double-glass bifacial solar panels produce solar energy by exposing both the front and back sides of the 216 solar cells to sunlight.

Traditional solar panels only expose the front side of the solar cells. The reflected sunlight that reaches the back side of the panels can increase energy generation by as much as 20%.

MAXIMUM LIGHTING EFFICIENCY

Four adjustable 100W lights provide 160 lumens per watt for a total output of over 64000 lumens.

HIGH-CAPACITY ENERGY STORAGE

Up to 6 closed-cell GEL lead acid batteries with up to 1560 Amp Hours. Maintenance free. 24V configuration. Most other solar light towers do not offer this amount of storage relative to the power consumed per cycle. The lower the daily depth of battery discharge...the longer the batteries will last.



Features and Benefits

RELIABLE SOLAR CHARGE CONTROLLER

Our Maximum Power Point Tracking solar charge controller has a long track record of high reliability and performance.

WIRELESS COMMUNICATION & CONTROL

Remotely control and track performance & location with the optional addition of 4G wireless communication.

OPTIONAL WIND TURBINE

Add a Marine Grade 450W Wind Turbine for additional energy generation during day and night

EASY TO OPERATE

With a very simple analog timer and LEDs to indicate state of charge, virtually anybody can operate with little to no training

RUGGEDIZED STEEL CONSTRUCTION

Powder-coated steel construction with removable tongue, fork-lift pockets, tie-down hooks and extendable outriggers for stabilization.



Specifications and Battery Life

- 1350W Extendable BiFacial Double-Glass Solar Array
- 1560 Ah GEL sealed, no maintenance battery bank
- 4 Independent adjustable 100w LED flood lights
- Total output of 64000 lumens
- Minimum 25ft telescoping mast
- Marine grade 450w wind turbine
- Backup plugin battery bank charger
- Durable, powder coated steel construction
- Removable tongue for compact shipment and storage
- Forklift pockets, 4 "d" rings on trailer for shipping
- 4 outrigger jacks for stability and safety
- 2 year warranty

Typical Battery Life Cycles		
Capacity Withdrawn	GEL	AGM
100%	450	150
80%	600	200
50%	1000	370
25%	2100	925
10%	5700	3100