



Hybrid Solar Light Tower

The hybrid solar light tower is a heavy duty, portable and directional solar light. It has been designed to meet the rigours of heavy use. Combining the latest technology in renewable energy and mechanical power, the 3kw generator uses diesel fuel with an automatic start and stop feature, designed to optimise fuel consumption.



On fine days, the battery is charged by the solar panel.

- ✓ Solar and engine charging
- ✓ Long run time
- ✓ Self starting and stopping
- ✓ Advanced engine control
- ✓ 100W, 200W and 300W setting
- ✓ Heavy duty design
- ✓ Simple hourly and daily timer
- ✓ Hybrid technology to decrease engine emissions and maximize solar charging

Applications



Specifications

Product Code	F1505000H
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	3400 lbs
Battery Box	14 ga. formed steel, anti-theft, dual hidden shackle solid security locks
Jacks	(4), swing type, 2000 lb ea., (1) wheel type on draw bar. (2) slide out jacks at rear
Brakes	Surge type
Lamps	
Type	High intensity LED's, (4) 300W lamps, sealed LED modules
Housing	Formed Aluminum
Orientation	Each lamp tilts and turns
Lens	Molded 60o
Control	Day/week/hourly timer, individual lamp control
Dimmer	3 brightness setting
Electric tilt	Optional
Power Source	
Collectors	750w slide out, polycrystalline, anti-theft fasteners
Output	24v
Meters	(2) Momentary, LED type for collector output
Collector tilt	0° to 40° via a manual crank
Charger	30A, 24v, fan cooled, external plug
Batteries	AGM sealed, 12v wired for 24v
Battery controller	PWM type
Photocell	Manual or dusk to dawn operation
Timer	3, 6, 9 and 12 hours plus Monday through Sunday
Mast	
Mast height up	20'
Mast height down	10'
Mast base	5" square, 3/16" wall, easy glide, with welded turn handle
Mast type	Three stage with stored vertically, 360° rotation
Mast cable	3/16" wire rope, 4,200 lbs breaking strength
Winch type	2500 lb, double disc, self braking hand winch, electric lift - optional

