



PTLSOLAR™ brings you the latest in solar lighting technology. Our super bright white Light Emitting Diode based flood light is the brightest solar powered flood light on the market today. Around your house, it sends prowlers running, while at the same time providing safety and bright illumination to your home environment. It is manufactured for use in several lighting applications and environments, Garage, Carport, Street Lighting, Schools, Signboard Lighting, Vacation Home Security, Cabins, Boats, Shipping Docks, Playgrounds and just about anywhere you need to turn darkness into daylight environment without the associated electricity costs.



## Features

- Covers the area of 3\*3m<sup>2</sup> or 3\*4 m<sup>2</sup>
- Available in white, blue, green, yellow or red color
- Will charge under nearly all weather conditions
- Up to 4 days autonomy.
- Easy to install
- Manufactured to ISO 9001:2000 Quality Assurance standards

## Applications

Solar flood lights are perfect for outdoor security lighting, landscape accentuation, and sign-illumination applications. Solar Flood Lights are designed and manufactured for outdoor use. Our outdoor flood lights are designed to run through most of the night.



## Specification

Light output	
Peak intensity	120 candela
Color output	White, blue, green, yellow or red
Lifespan of LEDs	Up to 100,000 hours
Covering Area	4*6m <sup>2</sup>
Operation	
Minimum autonomy	4 days
Requires solar insulation for Continuous daily operate	2 hours
Optimal surrounding temperature range	-20 to +30° C
Maximum surrounding temperature range	-40 to +80 ° C
Battery	
Type	Maintenance free
Installation	
Head and support structure	Powder coated aluminum





MODEL	GES/SSFL/99	GES/SSFL/ 99 x 2
Number of LED Lights	99	99 x 2
LED lights Power	7 watts	7 watts x 2
Solar Panel	20Watts	40 Watts
Battery	18Ah	18Ah x 2
Charge Controller	6 Amp	6 Amp
Lighting Out Put	6 x 6 feet	(6 x 6 feet) x 2

MODEL	GES/SSFL/200	GES/SSFL/200 x 2
Number of LED Lights	200	200 x 2
LED lights Power	14 watts	14 watts x 2
Solar Panel	50 Watts	50 Watts x 2
Battery	45 Ah	45 Ah x 2
Charge Controller	6 Amp	10 Amp
Lighting Out Put	12 x 12 feet	(12 x 12 feet) x 2

MODEL	GES/SSFL/600	GES/SSFL/600 x 2
Number of LED Lights	600	600 x 2
LED lights Power	40 watts	40watts x 2
Solar Panel	80 Watts	80 Watts x 2
Battery	100 Ah	100 Ah x 2
Charge Controller	10 Amp	10Amp
Lighting Out Put	24 x 24 feet	24 x 24 feet x 2

MODEL	GES/SSFL/1200	GES/SSFL/1200 x 2
Number of LED Lights	1200	1200 x 2
LED lights Power	80 watts	80watts x 2
Solar Panel	148 Watts	148 Watts x 2
Battery	200 Ah	200 Ah x 2
Charge Controller	10 Amp	20 Amp
Lighting Out Put	40 x 40 feet	40 x 40 feet x 2