
LED Solar Powered Marine Lanterns



Model type : **SA-GS-LS/B**

Description

SA-GS-LS/B LED Solar Powered Marine Lanterns used advanced structure design, adopts 4 groups of solar panels which can angle adjustable and high efficiently, co-operate with solar dedicated battery as power supply. Advanced power management system will be used to charge the power in a comprehensive protection in order to save the service life of battery when it is under the condition of short-voltage or over-voltage or its temperature is too high or too low.

Management circuits adopt with low power dissipation control chip, which can reduce circuit power consumption, The light source adopts imported LED chip, which has the specific of high intensity, low power consumption, long service life and so on.

This product adopt with 316L stainless steel materials of the lacquer that bake .it is very convenient for installation and transportation.

Lampshade adopt with PC material, which can resist corrosion, anti-UV, anti-shock and so on

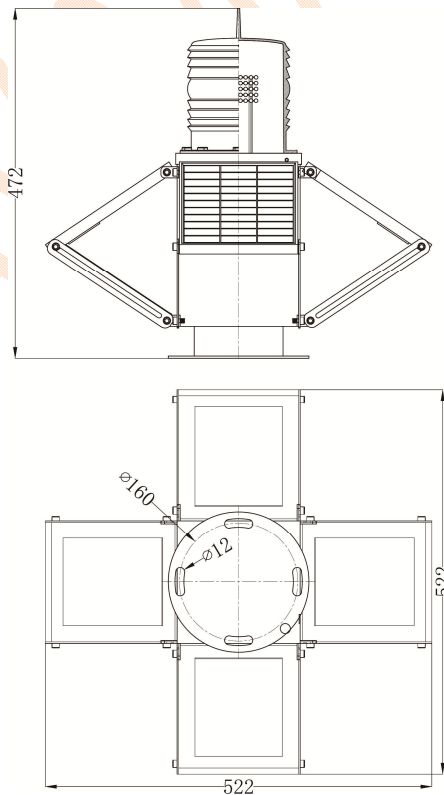
Specification

Name	Parameter	Name	Parameter
Type	GS-LS/B	Light Source Life	> 100000 hours
Power Provider	Mono-crystalline silicon solar panel	Optional Emitting Light Colors	Red, Amber Yellow, Green, Blue, White
Solar panel voltage	16.5V	Solar panel power	6W x 4pcs
Battery Capacity	12V12AH	Battery Type	Sealed lead acid battery
Power Consumption	≤5W	Vertical Divergence	>7°
Visual Range	1~6 mile(s)	Horizontal Out-put	360°
Light Intensity	/	Overall Size(mm)	522 mm × 522mm × 472 mm
Light Source	LED	Installation Size(mm)	Pitch circle 160 mm distributed 4M12 holes
Working temperature	-20°C~60°C	Working mode	as order
Storage temperature	-40℃~70℃	Wind-speed Ability	80m/s
Ambient Temperature	-40°C~70°C	IP Protection	IP65
Weight	8.5kg	Sun Switch Illumination Threshold	300LUX±100LUX
Continuous Burning Time	> 15 days(10 hours a day)	IP standard	IP65

Function & Features

- Continuous working time in rainy day can reach more than 15 days. (10 hours a day)
- Photocell can switch ON/OFF the light in rainy days or at night automatically.
- Standardization of optical design, high photoelectric conversion efficiency.
- Special LED chips for aviation obstruction lights, conversion efficiency is much higher than other general LED
- Provide shock resistance, lightning-proof, sunlight resistance, rain and snow resistance;
- Base on LED technology, its color meet the IALA Recommendations E-200-1 requirement.
- Replaceable sealed lead-acid battery which service life can reach more than 2 years long.
- GPS synchronizing function, remote control function.
- Bird spike against bird drop.
- No radio frequency (RF), no electromagnetic interference.

Dimension Drawing



Usage notice

- Please read the instructions carefully and then use the device correctly.
- Solar powered marine lanterns must be installed in a sunny place to keep it working continuously.
- Please install the device on a surface vertical to its axis, and the installation surface should be smooth and have enough mechanical strength.
- If the device fails to work at the first using time, please place the device under sunlight to recharge power 12hours, it will work.
- Please turn off the device and kept in dry places ,and put it in a sunlight for 5day(s) to recharge power each 3 months if it needs to be stored for a long time.
- If there is anything wrong with the device, please feel free to contact us.

Application

- Sea buoy
- River way
- Shore beacon
- Fixed light pile
- Lighthouse
- Oilfield
- Derrick