

The SolaMAX-65 is a self-contained lantern capable of ranges up to 5NM in the standard version and up to 7NM in the extended version (SolaMAX-65-T). Its compact design makes it the ideal self-contained lantern for many applications including inland waterways, buoys and offshore platform marking to provide years of maintenance-free operation.

Revolutionary optics and high efficiency solar panels make the SolaMAX-65 exceptionally suitable for northern and southern latitudes and low solar radiation applications. The built-in IR receiver allows for full customisation of the power level, flash character, sunswitch setting and features a self test mode. A convenient magnetic switch is used for switching off, storage/sleep mode or regular operation.



CHARACTERISTICS

- Options of battery capacity for demanding locations from 12Ah to 50Ah
- Optional GPS synchronization module
- Available in all IALA approved colors
- 256 user selectable flash characters
- Constant current power source for maximum LED life
- Magnetic On/Off Switch for quick deployment, hassle free storage and battery maintenance check
- User selectable power, flash character and Sunswitch settings via an optional IR controller
- Programming and self-test option with IR controller
- Full monitor and control capability via options of GSM, Satellite or AIS
- Internal AIS option
- Theft deterrent design
- Optional Power and Data ports for charging and programming

All values mentioned in this document are typical values. Document can be subject to modifications, without prior notice. Datasheet last modified on April 28, 2022. Orga Signal LLC sales-us@orgasignal.com T +1 713 681 6101

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SolaMAX-65

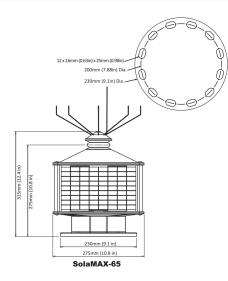
Class 5 and 7 self-contained lantern

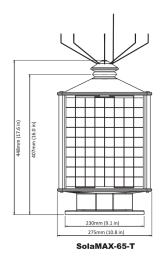
| Voltage | 12VDC |
|-----------------------|--|
| Colors | Red, green, yellow, white (blue upon special request) |
| Visibility | 360° horizon (omnidirectional) |
| Vertical Divergence | 5°, 10°, 20° or 30° degrees at 50%; ± 1 degree |
| Control | Via IR programmer |
| Monitor | Options of GSM, Satellite or AIS |
| Flash Codes | Up to 256 codes, field selectable or via communication link |
| Synchronization | GPS or hardwire options |
| Solar Panels | Standard 4 x 4.2W "T" model 4 x 8.5W |
| Battery Capacity | Standard: 12Ah or 18Ah Sealed Lead Acid "T" model 30Ah or 50Ah Sealed Lead Acid |
| Operating Temperature | -40°C to +70°C |
| Size | Standard: 275mm (10.8in) wide x 315mm (12.4in) high "T" model: 275mm (10.8in) wide x 448mm (17.6in) high |
| Battery Type | Lead Acid |
| Weight | Standard with 12Ah battery: 7.8kg (17.1lb) Standard with 18Ah battery: 9.5kg (20.9lb) "T" model with 30Ah battery: 15.7kg (34.5lb) "T" model with 50Ah battery: 20.2kg (44.5lb) |
| Mounting | 12 x 16mm (0.63in) x 25mm (0.98in) slots on 200mm (9.1in) bolt hole circle |
| IP Rating | IP 66 and IP 68 |

NOTE: Specifications are subject to change.



Class 5 and 7 self-contained lantern





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