

# SolaMAX-65

Class 5 and 7 self-contained lantern

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

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Attribute	Details
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.	

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