

SolaMAX-3

Class 3 – Self-Contained Lantern

The SolaMAX-3 is a “smart” self-contained lantern capable of ranges up to 3NM covering a variety of applications. Its lightweight and compact design makes it the ideal self-contained lantern for small marker buoys, docks, marinas and aquaculture sites and provides years of maintenance-free operation. Revolutionary optics and high efficiency solar panels make the SolaMAX-3 even more suitable for northern latitudes and low solar radiation applications. The “smart” built-in controller allows for full monitoring and control functions via an infrared controller. Historical data can also be downloaded onto a PC for archiving and report generation.



CHARACTERISTICS

- Options of battery capacity for demanding locations
- Optional GPS synchronisation module
- Available in all IALA approved colours
- 256 user selectable flash characters
- Constant current power source for maximum LED lifetime
- Magnetic On/Off Switch for quick deployment and hassle free storage maintenance check
- User selectable power and flash character settings via an optional IR controller
- Battery test and lantern health check via IR controller
- Features data collection and configuration via a 2-way Infrared port
- Data storage & transfer to a PC via handheld controller

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Technical Details	
Available Colours	Red, green, yellow, white
Visibility	360° Horizon (omnidirectional)
Vertical Divergence	> 8°
Monitor and Control	Capable via handheld IR controller
Data Reports	Connect to PC via optional IR receiver
Flash Codes	Up to 256 codes, field selectable
Synchronisation	Optional CPS
Sunswitch Threshold	300 lux (100-2000 lux Adjustable)
Operation Temperature	-10° to + 70° C
Response Code	AZ, 0-9, NW, NE, SW, SE
Battery Type	Lithium Ion (self-protection)
Weight (varies by battery option)	4kg max
Height	225mm (8.85in)
Solar Panels	Scratch resistant
Battery Capacity	Options of 15.6Ah and 26Ah
Base Mounting	3 or 4 bolts, 200mm (7.88in) bolt circle
IP Rating	IP 68
Base and Main Housing	UV resistant molded polycarbonate

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