

# SolaMAX-65

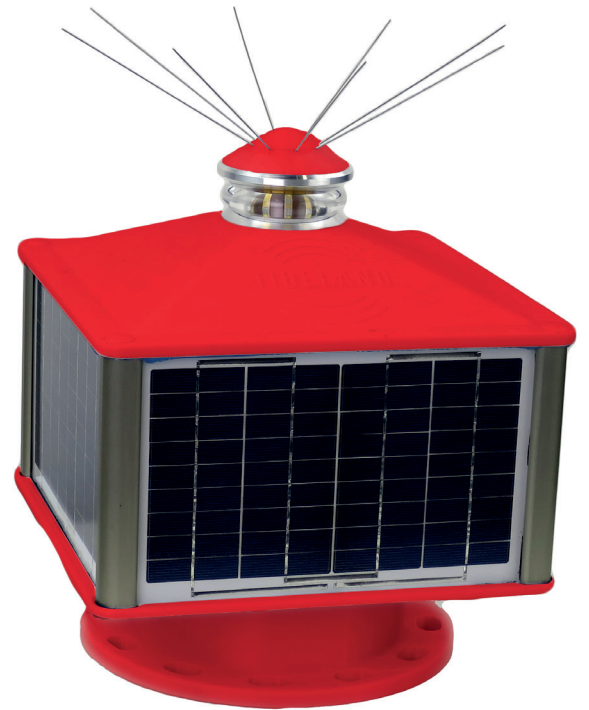
CLASS 5 AND 7 SELF-CONTAINED LANTERN

**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 synchronisation module
- Available in all IALA approved colours
- 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 with no exterior VHF or GPS antennas
- Theft deterrent design



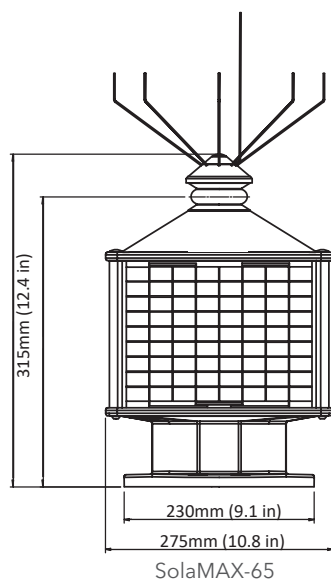
  
**TIDELAND**  
  
a xylem brand

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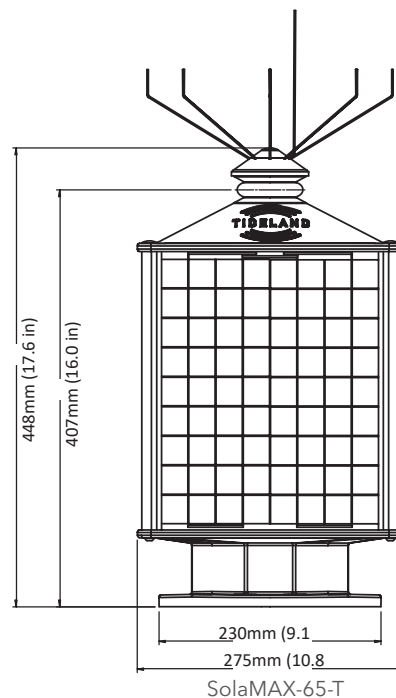
## Technical Details

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

NOTE: Specifications are subject to change.



12 x 16mm (0.63in) x 25mm (0.98in)  
200mm (7.88in)  
230mm (9.1in)



Tideland Signal Corporation  
(USA)  
us-sales@tidelandsignal.com

Tideland Signal Ltd  
(Canada)  
canada-sales@tidelandsignal.com

Tideland Signal Ltd  
(Burgess Hill, UK)  
emea-sales@tidelandsignal.com

Tideland Signal  
(The Netherlands)  
emea-sales@tidelandsignal.com

Tideland Signal Ltd  
(Dubai, UAE)  
emea-sales@tidelandsignal.com

Tideland Signal Pte Ltd  
(Singapore)  
asia-sales@tidelandsignal.com

Tideland Signal Pte Ltd  
(Tianjin, China)  
asia-sales@tidelandsignal.com

[www.tidelandsignal.com](http://www.tidelandsignal.com)