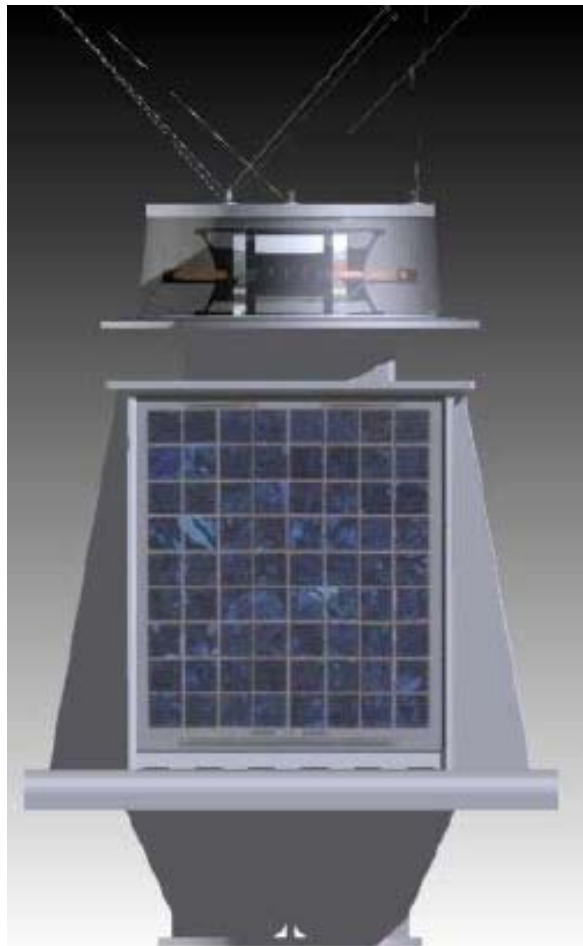


FA-250901 SELF-CONTAINED LIGHT



The FA-250901 self-contained light features our most successful field lantern, the 250 mm FA-250LED on top of the self-contained solar array. It can be ordered as a complete assembly or without the FA-250LED Lantern

The LED's are mounted on specially designed heat sinks to keep the temperature of the LED below 50°C to assure the design life of 50,000 hours.

The FA-250901 is rugged marine signal lantern and ideally suited for high latitude applications or combined with our AIS (Atonis) transponder. Options include an AIS Repeater and Weather Sensor (WX-Pro).

LIGHT RANGE

Contact Automatic Power to get a complete set of tables for your location.

FLASH CHARACTERISTICS

255 flash codes preset at factory to customer's specifications plus 1 programmable position. All selector switches are located on top of the LED assembly and accessible by removing the lens.

CURRENT SETTING

15 fixed levels plus 1 programmable level. Preset at the factory to customer specifications. Can be fitted with Uniflash-3A for worldwide synchronization which has only negligible impact on battery usage.

ELECTRONICS

- High-efficiency TracSwitcher current controls. 82% of the battery current reaches the LED array on flash. 2 milliamp idle current between flashes.
- Standard 12-volt system giving greater flexibility in selection of batteries.
- Software programmable for photocell thresholds, special flash rhythm, specialized current settings and solar charge control voltage setting.

LENS

- 250 mm 360° visibility clear Acrylic lens Unit can be supplied with colored lens to enhance the daytime signaling performance.

LEDS

- State of the art high flux LEDs. Life expectancy in excess of 50,000 hours depending on current density.

BATTERY OPTIONS

- 36 Amp-Hr 12 Volt deep cycle AGM battery

ATON AIS TRANSPONDER

- Configured to house the Type 1 or Type 3 ATONIS AIS transponder as an option. May also be used without a light for ATONIS only applications.

MATERIALS

- Corrosion resistant and watertight with hydrophobic vent in the battery compartment. Extruded aluminum frame with UV and salt water resistant paint. Tamper resistant screws.
- Four, 10 watt, heavy-duty tempered glass-EVA encapsulated solar modules designed for extended service in the marine environment.
- Solar charge controller includes dissipation less regulation of the solar modules with blocking diodes and fuses.

Specifications subject to change without notice

FORM No.: 010711