

# A1 Solar Lighting System

Flash Technology's solar obstruction lighting systems are designed for use in areas where the power supply is unreliable or unavailable. The systems use proven red obstruction lights and a solar power supply appropriate for the load and geographical location. The solar unit includes solar panels, enclosure, battery, solar charge controller and the hardware needed to mount the system in the field. A three-day autonomy built into the robust design ensures the system will continue to perform even during prolonged bad weather or cloudy conditions.

## Standard Features

- Lights meet FAA and ICAO requirements for low intensity obstruction lights
- Low power consumption
- 3-day autonomy
- Low maintenance system
- 1-year warranty on battery
- 5-year warranty on lights

## Options

- Infrared LEDs for NVG and NVIS compatibility



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OBSTRUCTION LIGHTS	
FH 371 (L-864) Input Voltage	12-48 VDC
FH 371 Power Consumption	4.0 W at 20 fpm
FH 371 Dimensions	15.75" dia. x 7.5" (400 dia. x 190.5 mm)
FH 371 Weight	25.6 lbs. (11.7 kg)
MKR 371 Input Voltage	12-48 VDC, 24-48 VDC infrared
MKR 371 Power Consumption	0.5 W at 30 fpm
MKR 371 Dimensions	9 x 2.75 x 2.13" (228.6 x 69.9 x 54.1 mm)
MKR 371 Weight	1.6 lbs. (0.7 kg)
FTC 371 Power Consumption	0.8 W
FTC 371 Dimensions	7.8 x 8.25 x 4" (198.1 x 209.6 x 101.9 mm)
FTC 371 Weight	2.1 lbs. (0.95 kg)

SOLAR POWER SUPPLY	
Part No.	F1903765D
Controller	Morningstar PS-30M
System Voltage	24 V
Enclosure Material	Aluminum
Enclosure NEMA Rating	3R
Enclosure Dimensions	20.6 x 17.5 x 12" (523 x 444.5 x 305 mm)
Enclosure Weight	22 lbs. (10 kg)
Panel Power Generation	210 W
Panel Dimensions	62.2 x 31.8 x 1.3" (1580 x 808 x 35 mm)
Panel Weight	34.9 lbs. (15.8 kg)
Battery Voltage	12V
Battery Capacity	(2) 18 Ah batteries
Battery Nominal Dimensions	7.1 x 6.6 x 3" (18.3 x 167.6 x 76.2 mm)
Battery Weight (each)	13.8 lbs. (6.3 kg)
Pole Mount	Included
Wiring	Battery and solar output wiring is included

## SOLAR MAP

