

## Solar Series Portable S186 LED Wind Cone



The Solar Series Portable S186 LED Wind Cone provides the durability, rugged construction and tactical capability demanded by industry's toughest clients. With over 50 years experience in the design, manufacture and delivery of internally lighted aluminum wind cones, the Solar Series Portable S186 LED Wind Cone provides flexibility, ease-of-use and reliability for emergency services, temporary installations and defense operations. Operating in the most challenging environments, the Solar Series Wind Cones are the most installed and most depended upon solution for both visible and infrared operations. The portable unit can be set up and taken down within minutes, packed into transport containers and provides minimal scheduled maintenance. Backed by industry's best warranty, the Solar Series Portable S186 LED Wind Cone is industry's best choice for a reliable and portable solution.

# SPECS

## Solar Series Prortable 186 LED Wind Cone

### FEATURE BENEFITS

#### INCREASE SAFETY & VISIBILITY

Internally lighted sock using high brightness visible or infrared LEDs is far more visible than externally lighted options. Durable, bright, colourfast sock fabric enhances visibility and long lifespan.

5 days operating autonomy from the power system provides safe buffer for temporary sites that may experience poor weather/solar charging conditions.

#### PORTABILITY

Rapid setup and easy takedown of the portable unit makes it perfect for temporary civil or defense operations.

#### REDUCED MAINTENANCE

The portable S186 unit is self-contained and requires no conduit or concrete. Basic battery upkeep (especially if unit is not used for long periods) is the only maintenance required. If battery is kept charged this unit will provide decades of reliable service.

#### LOW OPERATION COSTS

Small footprint, no cabling, zero energy costs, easy storage and immediate operation.

#### FEATURING

All aluminum construction with stainless steel hardware, patented high quality sealed swivel, maintenance free bearings and NVG compatible illumination.



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# SPECIFICATIONS

## COMPLIANCE

Portable S186 LED Wind Cone	ICAO Annex 14, Volume 2, Paragraph 5.1.1
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## OPTICAL

Obstruction Light	5 Options: No Light, Visible FAA L810 (ICAO LIOL), Visible L810 with IR, IR Only, Dual Mode 2 lights (1x IR and 1x Visible)
Sock Lighting	12W cool white LED floodlight luminaire
Output	580 lumens at source
Configuration	Internally lit, adjustable LED intensity
Operation Profile	Dusk to dawn
LED Life Expectancy	Up to 60,000 hours

## MECHANICAL

Configuration	Portable Tripod Mount
Overall Height	10'
Swivel	Patented maintenance free sealed aluminum swivel
Sock Dimensions	18" x 6'
Fabric	Polyethylene coated colorfast 4.5oz nylon Orange/White, Solid Orange or custom
Frame Material	All Aluminum

## ELECTRICAL

Configuration	Integrated DC solar/battery charging system
Solar Module	100 Watt poly-crystalline panel
Battery	100 Ahr AGM sealed battery approved for air transport
Charge Controller	Sealed precision micro controller with push to test button
Autonomy	5 days or greater, depending on location
RF Controller	Optional Radio Frequency Controller for on/off control

## WARRANTY

Warranty	3 year warranty. Excludes battery and fabric
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Web: [www.aviationrenewables.com](http://www.aviationrenewables.com)

Email: [arc@aviationrenewables.com](mailto:arc@aviationrenewables.com)

Phone: +1 (250) 590 1272