

Solar Series Airfield Signs

The Solar Series Airfield Sign is the leading solar powered LED Airfield sign available. Using advanced LED drivers, the FAA and ICAO compliant signs feature the lowest power draws of any LED airfield sign. This enables the use of smaller, more economical solar power systems. With no trenching or cabling required, the Solar Series Airfield Sign is quick and cost-effective to install. The long-life LEDs require zero maintenance. This, combined with a complete absence of electricity costs, quickly shows a return on investment. Solar Series Airfield signs come in any format, whether informational signs, mandatory instruction signs or distance remaining markers. As with all Solar Series products, the sign operates from the Radio Frequency Controller.



SPECS

Solar Series Airfield Signs

FEATURE BENEFITS

INCREASE SAFETY

These patented signs use long-lasting energy efficient LED technology to provide exceptionally bright, clean light and outstanding visibility under all conditions.

LOW PROFILE, FRANGIBLE

Solar Series MAPPS systems are designed specifically for airfields. The low profile design, trunk-style enclosure and frangible mounts ensure that safety is the first priority for the airfield.

LOWER COSTS

The Solar Series MAPPS is constructed of quality components that are designed to be completely autonomous and operate with zero electricity costs. The weatherproof enclosure, sealed gel batteries and solid-state controller require no scheduled maintenance, saving both time and money.

EASE OF INSTALLATION

All Solar Series MAPPS systems come complete with an easy to follow instruction manual, system schematics and a colour coded, pre-cut wiring harness. In addition, the low voltage of the system means simple safety precautions will prevent injury.

FULL CONTROL

Available with optional RF Controller. This enables the entire airfield lighting system to be controlled from a single handheld controller.

SPECIFICATIONS

MECHANICAL

Configuration	Internally lighted LED Airfield Sign
Mounting Options	Frangible-coupling mount, with floor flanges
Sizes	
1	27"x30"x18"x12"
2	32"x36"x24"x15"
3	38"x42"x30"x18"
4	62"x48"x48"x40"
5	37"x30"x30"x25"

SOLAR

Type	Solid State UL Listed Control System, Temperature Compensated Battery Charging
Operating Profile	Dusk to Dawn or 24/7, other profiles by request
Solar Module Technology	Crystalline & Amorphous
Operating Voltage	12V or 24V

ENERGY STORAGE

Type	Sealed Gel-type, Maintenance-Free Batteries Approved for Air Transport
Enclosure	Weatherproof, Aluminum Battery Enclosure Low Profile

OUTPUT

Power	Using historical NASA data, each system is customized for specific climate and electrical load requirements
DC options	12VDC to 48VDC
AC options	120VAC to 220VAC

WARRANTY AND LIFE EXPECTANCY

Warranty	5 years on system components 3 years pro-rated battery
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