

Solar Series LED Signs: 5800 Series

CE & UL CERTIFIED ELECTRICAL COMPONENTS



The Solar Series LED Signs are a line of self charging, self contained LED signals, designed to improve visibility and safety of traffic signage requirements. The 5800 Series LED Signs include Stop and Warning Signs with embedded LED's, powered by a 40W Solar Engine designed to operate 24 hours per day. The Solar Series LED Signs are completely autonomous, alleviating any need for external wiring, power inputs, trenching or cabling. With no need for external power input or wiring, they are easily installed within minutes, decreasing the cost of installation and maintenance. With various Signs, LED colours and customized flash patterns available, the Solar Series LED Signs can be customized to meet the needs of each individual project.

APPLICATIONS

Stop Signs	Draw attention to stop signs that go unnoticed by drivers
Warning Signs	Accent warning signs that convey critical information
New Signs	Highlight new signs for the first few weeks following installation
Speed Reduction Signs	Emphasize traffic speed signs in special zones or at transition points
Construction Zones	Enhance construction workers safety

BENEFITS

High Quality	Designed and manufactured in North America
Clean Technology	Solar-powered and wireless to save on power bills and end roadway trenching
Flexible	Adjustable flash pattern to meet regulatory requirements
Reliable	Energy management system to ensure operation under all environmental conditions
Simple	Installs in minutes to minimize traffic disruption and allow for relocation and re-purposing
Elegant	Self-contained, cabinet-free, discrete design to enhance streetscapes and inhibit vandalism

SPECIFICATIONS

OPTICAL

Configuration	24/7 Flashing Beacon
Output	Visible
Visible LED Light	● Red or ● Amber / Size 0.75" (20mm)
LED Intensity Option	Peak Intensity 102 lumens, compliant with FHWA MUTCD
Auto brightness	6 stages of brightness for different light conditions and battery levels

MECHANICAL

Mounting	Round Pole: 3.5", 4.5" Square Post 4", 6", 4"x6"
Chassis & Solar Engine	6061-T6 powder coated aluminum
Signal Housing	Polycarbonate
Housing Color	Yellow, green or black (custom colors are also available)
Sign Measures	24", 30", 36" or 48"
Solar Engine Measures	13 1/4" (34 cm.) x 30 7/8" (78 cm.)
Solar Engine Weight	Approx 52 lbs. (24 kg)

ELECTRICAL

Operating Voltage	12 VDC
Autonomy	30 days minimum
Solar Panel	40 Watts
Alternate Power	AC / Solar hybrid available AC-Only available
Certification	CE and UL certified electrical components FHWA MUTCD compliant

ENVIRONMENTAL

Operating Temperature	-40°C to +74°C
Humidity	0% to 100%

WARRANTY & LIFE EXPECTANCY

Warranty	5 year Limited Warranty for defects in workmanship and materials (excludes batteries and vandalism)
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