

SUNRAY 345/380

Solar Powered LED Portable Changeable Message Sign



User friendly interface and control

Traffic safety is the driving force behind National Signal's Sunray Solar LED portable changeable message signs (PCMS). These environmentally friendly products harness the power of the sun and use the latest in light emitting diode (LED) technology to generate messages for traffic safety and management. National Signal offers a complete line of products that provide contractors and state transportation authorities with the quality products they need to ensure regulatory compliance on their road and bridge projects.

- **Trailer mounted.**
- **AllnGaP LED technology.**
- **Hundreds of pre-programmed messages, MUTCD messages, and operator-created messages.**
- **Environmentally friendly.**
- **Cost effective.**
- **Reliable and easy to operate.**
- **Meet or exceed all state and federal highway MUTCD traffic safety specifications.**
- **NTCIP compliant.**

NATIONAL
signal incorporated

Bright Ideas From A Bright Company

SPECIFICATIONS

Trailer Construction

Width across fenders.....	78"
Length w/draw bar	160"
Height sign up.....	168 "
Height sign down.....	112"
Weight	3000 lbs
Tire size.....	ST205/75-D15 load C
Wheel size	15"
Axle capacity	3500 lbs
Suspension	Leaf spring
Color.....	Orange, optional other colors
Hitch.....	2" ball class II 3500 lb capacity
Frame.....	3" x 3" x 1/8" wall tubing
Deck material.....	1/8" steel tread plate
Fenders.....	formed steel
Draw bar	3" x 3" x 3/16" wall steel tube 'A' frame
Jacks	(4) swing, (1) swing type w/ caster
Lighting.....	stop, turn, and signal, side reflectors, four wire disconnect for towing
Lift mechanism.....	electro-hydraulic



Batteries and Solar collectors

Batteries	6v or 12v deep cycle with varying options
Battery charger.....	45A fanned cooled, external plug, (75A optional)
Solar collector.....	Crystalline silicon auto erecting
Battery enclosure	Lockable, ventilated, acid resistant, steel, powder coat finish orange other colors available

Control

Type.....	Proprietary embedded fully NTCIP compliant, upgradeable
Password Protection.....	One level
LCD	4 lines, 40 characters per line, backlit
Messages	50 user programmable (4 pages each), 9 linkable, 300 pre-programmed including MUTCD symbols and arrows

Dimming.....	Manual or automatic
Remote Comm.	Cellular ready
Message scheduling.....	36 events per year

Display

Pixel matrix SR380.....	7 rows by 5 columns, 8 characters per line, 3 lines
Pixel matrix SR345.....	7 rows by 5 columns, 11 characters per line, 3 lines, moving arrows, variable font widths
Character size.....	18" fonts
LED's	590nm amber, 4 per pixel
Angularity	25° total
Legibility	1,200'
Brightness	Manual/automatic 31 levels
Photo Sensor.....	shielded from extraneous light
Enclosure.....	Aluminum, finished powder coated black.
Sign width.....	128"
Sign Height.....	78"
Display window.....	1/8" UV stable polycarbonate
RF Interference	Unaffected
Operating temp.	-30°F to +165°F(-34°C to +71°C)

Options

- Radar detector
- Intellistat provides a variety traffic statistics that can be displayed or printed in graph or raw data format. Includes software and pneumatic tube for counting
- Wheel locks
- Combo hitch 2" ball & 3" pintle ring
- Cellular phone for remote operation
- Handheld controller

Specifications subject to change at any time without notice. Copyright 2007 National Signal, Inc. All rights reserved. Printed in the United States.



2440 Artesia Ave., Fullerton CA 92833
fax: (714)441-7714 • tel: (888) 994-0300
www.nationalsignalinc.com