

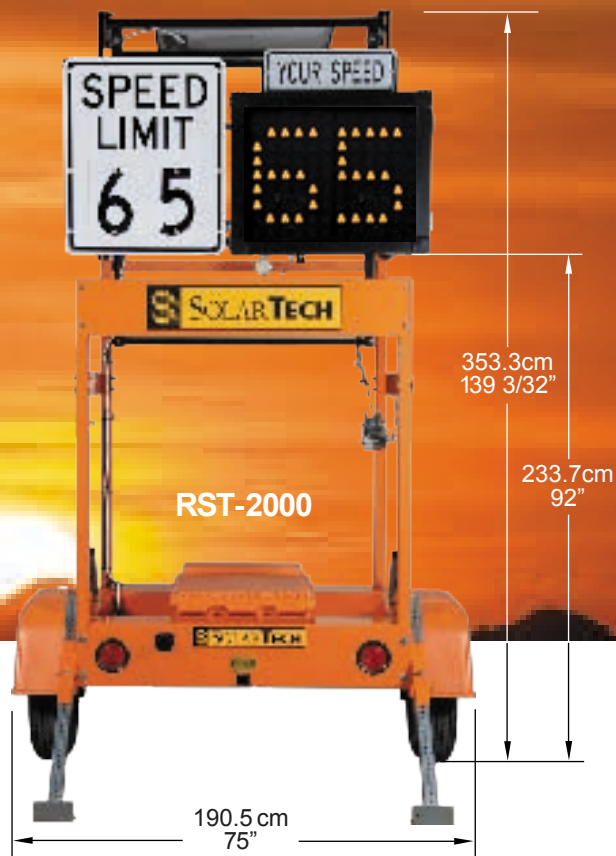
RST-1000



Smaller footprint with wide viewing angle for limited-space applications.



RST-2000



Larger footprint with wide viewing-angle for maximum visibility in work zones.

SolarTech Quality Built Into Every Unit

Truly Solar Powered - Engineered for continuous runtime

Brightest, Most Visible Display - Legible messages under all conditions

Mega-Tech Full-Color

Touch-Screen Control Console - Simple, easy-to-use graphical user interface (GUI)

Sign Panel Failsafe System - Automatically detects and corrects errors and faults

CE Marked - Insures complete electromagnetic compliance for superb reliability

Cellular Remote Ready - Interface and software required for remote control is included

Data Collection Built In - Records raw and statistical data on a USB "memory stick" (viewable in M.S. Excel)

Custom Sign Case & Door Frame Extrusions - Sturdy, secure and weathertight

Modular Construction - Easy maintenance and repair

Torsion-type Axle - Smooth, stable ride

Polyamide Epoxy Primer - Excellent rust and corrosion protection

Acrylic Urethane Finish - Excellent appearance and durability

ISO 9001:2000 Certified Design and Manufacturing - The ultimate in quality assurance

Best Warranty - One year overall

Two years on electrical and electronic components

Three years on standard display modules

Ten years on solar panels



DISPLAY

Panel Size	36 in. wide x 29 in. high (92 cm wide x 74 cm high)
Panel Construction	All aluminum, modular construction
Matrix Size	9 x 12 Pixels
Pixel Size	2.60 x 2.60 in. (6.6 x 6.6 cm)
Number or Digits	Up to Three (3) - (1st digit as "1")
Number of Fonts	Three (3)
Character Height	18 in. (45.8 cm)
Display Technology	LED (Amber, 592 nm)
Display Life Expectancy...	10 years typical
Lifting Mechanism	1,000 lb. capacity winch & cable

PHYSICAL (RST-1000)

Length Overall	117 in. (298 cm) (Towing) 75 in. (191 cm) (Operating)
Width Overall	56 in. (142 cm)
Width Across Fenders	56 in. (142 cm)
Height Traveling	90 in. (229 cm)
Height Operating	129 in. (328 cm)
Ground Clearance	13 in. (33 cm) min.
Weight	1,160 lbs (526 kg) approx. (max)
Coupler (Class III)	2-inch (5.1 cm) ball or 2 1/2-inch (6.4 cm) pintle ring
Axle/Suspension	Torq-Flex - independent
Display Height	3.5 ft. (107 cm) to bottom of LED Display

PHYSICAL (RST-2000)

Length Overall	112 in. (284 cm)
Width Overall	75 in. (190 cm)
Width Across Fenders	75 in. (190 cm)
Height Traveling	92 in. (234 cm)
Height Operating	142 in. (360 cm)
Ground Clearance	13 in. (33 cm) min.
Weight	1,160 lbs (526 kg) approx. (max)
Coupler (Class III)	2-inch (5.1 cm) ball or 2-1/2-in. (6.4 cm) pintle ring
Axle/Suspension	Torq-Flex independent
Display Height	7ft. (214cm) to bottom of LED Display

CONTROL CONSOLE

Console Circuitry	Ultra-low power solid state
Console Touchscreen	Waterproof, backlit, full color GUI, intuitive icon-driven, multi-lingual Proprietary, field upgradable
Programming Software....	Over-Speed, Excessive-Speed, and Extreme Speed (user selectable)
Display Options	Instantaneous
Display Update Time	Separate backup battery
Non-volatile Memory.....	User-selectable, multi-level
Password Protection	Easy-to-use icons (no instruction manual required)
Operator Interface	Network (wired or wireless) and NTCIP compatible
Connectivity	Records raw and statistical data on a USB "memory stick"
Data Collection	



SOLAR TECHNOLOGY, INC.

7620 Cetronia Rd. Allentown, PA 18106
Phone: 800-475-5442 610-391-8600
www.solartechnology.com



SPEED LIMIT SIGN

Panel Size	30 in. wide x 36 in. high (77 cm wide x 92 cm high)
Panel Construction	All aluminum, Type III Coated
Numerals	First Digit - 1,2,3,4,5,6 or 7 Second Digit - 0 or 5
Sign Height	7 ft. (214 cm) *Both Units

ENERGY SOURCE

Operating Voltage	12 Volts DC (nominal)
Battery Type	6 Volt Heavy Duty, Deep Cycle (GC-2)
Number of Batteries	Two (2) Lead Acid (Flooded)
w/Aux. Battery Pack	Four (4) Lead Acid (Flooded)
Battery Bank Capacity	300 Amp Hours
w/Aux. Battery Pack	600 Amp Hours
Battery Status Indicator	Displays battery voltage, charging activity and low battery condition
Solar Array Construction	Top-mounted solar panels in aluminum frame
Solar Array Power Output..	Standard 50W (nominal)
Solar Charge Controller	Automatic, temperature- compensated

RADAR DETECTOR

Operating Frequency	24.150 GHz (K-Band)
Antenna Beamwidth	12 degrees circular
Capture Angle	16.5 degrees
Target Speed Range	5 to 200 MPH (8 to 322 KPH)
Speed Accuracy	1 MPH typical
Detection Distance	1,500 feet
Units	MPH or KPH (user-selectable)

OPTIONAL FEATURES AND UPGRADES

Battery Upgrades

- Four (4) Lead Acid (Flooded) (600 AH Capacity)
- Two (2) Gel-Cell Maint.-Free (300 AH Capacity)
- Four (4) Gel-Cell Maint.-Free (600 AH Capacity)

Battery Charger Option

- 30 Amp Output (115 VAC 60 Hz - Input)
- 45 Amp Output (115 VAC 60 Hz - Input)
- 30 Amp Output (230 VAC 50 Hz - Input)
- 45 Amp Output (230 VAC 50 Hz - Input)

Security Package

- Alarm, including GPS Locator/Recovery System
- Battery Box Metal Lockdown Frame

Extended Warranty Upgrades

- Extended Warranty BRONZE (+24 Months)
- Extended Warranty SILVER (+36 Months)
- Extended Warranty GOLD (+48 Months)

All models meet or exceed the standards for Portable Changeable Message Signs as listed in the U.S. Federal Highway Administration (FHWA) Manual or Uniform Traffic Control Devices (MUTCD).
Specifications subject to periodic updates as required without notice.