



Solar Arrow Board (25 LED Lights)



PRODUCT INFORMATION:

The SAB-25 is a solar powered trailer mounted arrow board consisting of a 25 LED lights board with solar panel, and a battery bank, all mounted on a heavy-duty towable trailer. Made in the United States.

OVERALL DIMENSIONS:

- * Overall length: 3429 mm (135")
- * Overall Width: 1676 mm (66")
- * Overall Height: 3429 mm (135")
- * Traveling height: 2337mm (92")
- * Operating height: 3429 mm (135")

PROGRAMMING:

- * Flashing mode: Right arrow, left arrow, double arrow, caution bar, chevron, sequential, four-corner

DISPLAY:

- * 4' x 8' 25 LED light panel.

SOLAR POWER SUPPLY:

- * Various configurations of solar panels and batteries are available
- * Solar regulator with battery surcharge protection

OPTIONS:

- * Battery charger
- * Adjustable pintle hitch
- * 2" coupler or 2 5/16" coupler
- * 120 volt AC connection
- * Torsion axel
- * Safety lock: Wheel, battery boxes, ext.
- * Tongue wheel jack
- * Contrast boarder (Ex: reflective)
- * Level (to stabilize sign)

76 Viaduct Road, Stamford, Connecticut 06907 Tel: (203)-883-8660 Fax: (203)-883-8662

www.USBARRICADES.com
PROUDLY MADE IN USA



**TEMPERATURE RANGE:**

- * Operational: -40° to + 74°C
(-40° to +165° F)
- * Storage: -40° to + 85°C (-40° to +185° F)

CONTROLLER:

- * Rotary switch function switch
- * Built-in solar regulator
- * Battery saver automatic shut-off feature
- * Flashing mode: right arrow (10 lamps), left arrow (10 lamps), double arrow (13 lamps), caution (4 lamps), caution bar (7 lamps), chevron (15 lamps)
- * Flash rate is constant regardless of voltage or load with a flash cycle of 40
- * Automatic intensity control via photocell for nighttime mode

ELECTRICAL INTERFERENCE:

- * The SAB-25 is not affected by all normal (standard) types of RF interference

RELATIVE HUMIDITY RANGE:

- * Operating 10 to 95% RH, non-condensing

TRAILER MATERIAL:

- * 51 mm x 152 mm x 3.175 mm
steel tubing (2" X 6" X 1/8")
- * Diamond plate catwalk is mounted on the display side of the trailer to simplify maintenance.

CABINETS:

- * Aluminum Arrow sign
- * Steel battery boxes with locking system
- * Weather stripping sealing each compartment against moisture

AXLE:

- * Single 907 kg (2000-lb) rated straight hydraulic axle

HITCH:

- * Heavy-duty hitch capacity
with 72 mm (3") pintle eye
Optional: 51 mm (2") ball coupler
- * 1361 kg (3000-lb) maximum tongue load
- * Heavy-duty safety chains with safety hooks meeting safety standards

TIRES & WHEELS:

- * Tires: Load Range D 381 mm (15")
- * Wheel Size: 381 mm (15")
- * 5-stud tire rims
Optional: Anti-theft locking mechanism

**LEVELING JACKS:**

- * Two-screw jacks each rated at 907 kg (2000 lbs)
- Optional: Tongue wheel jack

TRAILER LIGHTS:

- * State-of-the-art halogen lighting per USDOT standards and specifications
- * Custom made connections complying with customer specifications

LIFT MECHANISM:

- * Manual winch

SOLAR PANELS:

- * Various configurations of solar panels and batteries are available.
- * High efficiency single-crystal silicon cells anti-reflected coated for improved efficiency.

BATTERIES:

- * 6-volt 220 amp/hour deep-cycle batteries wired to provide a 12-volt system
- Optional: Various batteries and configurations available

LEGIBILITY:

- * Messages displayed are easily legible at over 1600 meters (5249 feet)

DISPLAY:

- * 590nm (\pm 2nm) amber-color LEDs
- * LEDs have a rated life of 100,000 hours
- * Each amber-color LED is encased in an enhanced optical lens to maximize legibility from all distances
- * LED output adjusts automatically to ambient light conditions
- * 100 brightness levels
(1-100% by steps of 1%)

PAINT:

- * State-of-the-art powder coating system
- * « Highway safety orange »
- * is the standard color used
- Optional: Other colors available to comply with different regulations or match client fleet standard
- * Powder coating quality
 - o Certified UV protect paint
 - o Impact resistant
 - o Humidity Resistant
 - o Salt spray resistant

MAINTENANCE:

- * Battery fluids should be checked and topped off at least once per month
- * Solar panels must be free of dust and snow



WARRANTY:

- * 1-year warranty on complete trailer
- * 2-year warranty on electronics
- * 6-month manufacturer's warranty on batteries
- * Limited warranty on solar panels differ from one manufacturer to another

TECH SUPPORT:

- * 24/7 technical support

PRODUCT CODE: SAB25

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