

# NAVIGATE BY THE NORTHSTAR

## AB25 & AB15 Trailer Mounted Arrow Boards

NorthStar arrow boards provide motorists with advance warning and information on how to safely navigate through or around roadway construction or maintenance areas. NorthStar arrow boards are solar powered making them cleaner, cheaper and quieter than the diesel powered products used in the past. To suit your specific application NorthStar arrow boards are available in both 25 and 15 lamp configurations.



With no switches to wear out or knobs to break off the advanced push button control panel makes NorthStar arrow boards more dependable. The custom designed, solid state, push button panel features an easy to read illustration of each display mode for quick, error free operation. A quick glance at the panel also provides the operator with the current charging and battery status of the unit. Lamp brightness can also be controlled automatically or manually at the touch of a button. The rugged poly compartment provides easy access to the control panel and batteries and can be locked to eliminate tampering or theft.

The super efficient LED lamps run on a fraction of the power of competitors models reducing the need for excess solar panels and batteries. Rated at 10 years continuous use the reliable LED lamps have a much longer life expectancy than the halogen lamps used in the past. Each lamp consists of 36 LED's which is protected by an unbreakable polycarbonate lens which is also custom designed to improve visibility. Constructed of high impact plastic, the outer shrouds provide an additional 360° of protection around each lamp for improved durability.

NorthStar arrow boards are available in 55, 75 & 110 watt configurations so we can customize each unit to match the charging characteristics of your specific region. The 4 - 6 Volt, Heavy Duty, Deep Cycle Batteries provide enough power for the unit to run for up to 30 days without sunlight.

NorthStar arrow boards feature a sturdy welded steel frame. Balanced placement of the batteries and our advanced torsion axle suspension system provide years of smooth, trouble free towing. A durable powder coat finish provides superior corrosion protection from salt spray or stone chips to keep your NorthStar arrow board looking good for years to come. A choice of a 2" Ball or Pintle couplers is available to meet your specific towing requirements. Leveling stands on all 4 corners of the trailer allow for stable, level placement of the unit on any terrain.

The display panel is constructed of welded steel for increased durability and the 1,000 lb winch allows for easy lifting and lowering of the display. Three LED lights on the rear of the panel show that unit is operational and the current direction of the message.



Back view



Towing position

# AB25 & AB15 Trailer Mounted Arrow Boards

Display panel  
in display position

Solar panels

Display panel  
in tow position

Poly compartment protects  
the control panel

Illuminated push  
button control panel

4 - 6 volt heavy duty  
deep cell batteries

Advanced torsion axle suspension



## Arrow Board Specifications:

Length (With/Without Tongue)	101.5" / 63.5"	Operating Voltage	12 Volts
Width (Overall/Across Fenders)	96" / 72"	Battery Capacity	450 Amp Hrs
Height (Operating/Towing)	132" / 93"	Voltage Disconnect (Low / High)	10.7 / 15.0 Volts
Ground Clearance	13.5"	Lamp Flash Rate	30 per minute
Weight	1,200 lbs	Lamp Beam Angle	28° Horizontal x 12° Vertical
Panel Size (w x h)	96" x 48"	Solar Array Power Output	55, 75 or 110 Watts

All models meet or exceed the specifications for advance warning arrow panels listed in Part 6F.53 of the Federal Highway Administration's Manual on Uniform Traffic Control Devices (MUTCD). Specifications subject to change without notice.

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## Warranty:

Overall:	2 Years
Solar Panels	10 Years
Electrical:	2 Years
LED Lamps:	10 Years

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