

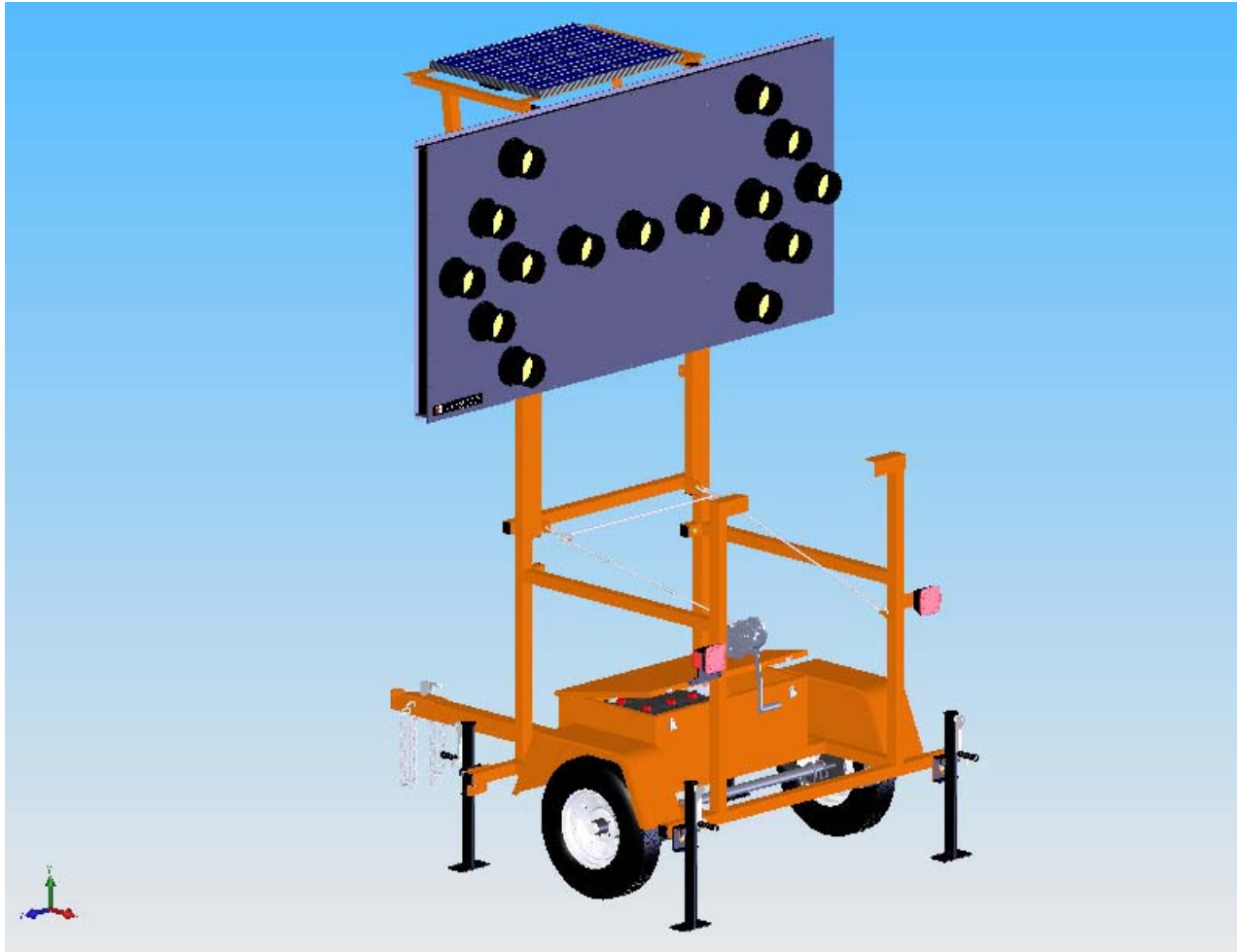
IntelliStrobe Safety Systems

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MODEL AB15 ARROW BOARD TRAILER

SPECIFICATIONS

Model AB15

Trailer Dimensions:

Length with tongue:	104"
Length without tongue:	57"
Width with fenders:	68"

Trailer Specifications:

Frame and Deck:	2" x 2" x 1/8" tubular steel
Axle and springs:	Straight tubular steel axle with capacity of 3500 LB— Minimum four leaf 1000 LB
Wheels and Tires:	Five lug—P205/75R15
Fenders:	16-gauge steel, walk able
Tongue and Safety chains:	2" hitch— Two chains with 1/4" minimum diameter safety hooks.
Jacks:	Four adjustable 2000-LB capacity, each corner.
Tail lights:	Dual combination reflective light with stop, tail, and turn signal. Male and female quick connect. License plate bracket.
Wiring:	Wiring to be enclosed in jacketed cable or conduit
Lift wench:	Gear ration-4: 1, Load Capacity-1200 LBS./544 KG, Reel Capacity 7/32" dia. Cable, 58 FT.
Battery/controller box:	Steel fabrication, double lockable, hinged, ventilated and mounted on a trailer deck, to protect batteries, control module and instrument panel from the weather and vandalism.
Paint:	All powder painted Safety orange for high visibility. Salt Spray Fog: 1,000 hours UV Resistance: 500 hours

Solid State Regulator Electrical Specifications

KKSCC15	
Rated Solar Current:	15A
Rated Load Current:	12A
System Voltage:	12 or 24 V
Low Voltage Disconnect:	Yes

Sign Panel:

Specifications:

Height:	48"
Length:	96"
Width:	3 3/8"
Material:	.080 Aluminum frame 48"x96" w/ (2) 47 ³ / ₄ " cross members .063 Aluminum front panel 48"x96" .063 Aluminum back panel 48"x96"
Paint:	All powder coated Flat black finish to reduce glare Salt Spray Fog: 1,000 hours UV
Resistance:	500 hours
LED bulbs:	(15) yellow/amber LED's with 360° high impact plastic visor

Par 46 LED lamps

Push on type connectors (with means to secure lamp and wiring leads to prevent separation due to vibration during travel and operation.

Mode indicator lamps on backside of panel.

Solar And Charging:

Battery bank: two 6-volt battery wired for 225 amps operation

Electronic circuitry: Solid State, reverse polarity protection, properly fused, disconnects on all cables.

40 Watt Solar Panel

MAXIMUM POWER (P max):	40 W
VOLTAGE AT Pmax (V mp):	17.4V
CURRENT AT Pmax (IMP):	2.48A
GUARANTEED MINIMUM Pmax:	37.5W
SHORT-CIRCUIT CURRENT (Isc):	2.65A
OPEN-CIRCUIT VOLTAGE (Voc):	21.7V

15 Light Control Box:

Auto- automatically adjusts the power to the lights from 100% (daytime use) to 50% (nighttime use) depending on the ambient light. The auto dimming is controlled through a photocell mounted in the bottom of each arrow board where it will be protected from vehicle headlights and street lamps.

Bright- maintains 100% power to the lights regardless of the ambient light.

Dim- maintains 50% power to the lights regardless of ambient light.

The Control Box has (4) flashing modes to choose from:

Single flashing arrow Left and Right

Double flashing arrow

Caution center bar

Caution four corners

Control Functions:

Power Switch - Provides power from the control box to the Arrow Board

Power Indicator Light - The LED indicates the Control Box has power and is ready for operation

Fuse - Protects the wiring from damage in the event of a malfunction. TO remove the fuse for replacement or inspection, push in on the cap and rotate counterclockwise. Reverse the procedure to replace cap.

Mode Selector – Provides selection of the warning modes.

Manual Dim Switch – Provides the user with the ability to override the photocell used for the automatic dimming when an unusual situation occurs; such as, the vehicle being parked under a streetlight at night.

Photocell Assembly:

Specifications:

Operational:

Monitors ambient light conditions

Monitors ambient temperature

Operating Temperature: -40C to 70C (-40F to 158F)

Storage Temperature: -40C to 85C (-40F to 185F)

Power Connections

Power Input: 9 to 14 VDC

Current:

Typical Draw: <150ma

Options:

Combo pintle eye-ring and 2” hammer blow Bulldog coupler, License plate lamp, Hour meter, Sight tube, Battery charger

Manufacturer reserves the right to make changes in its products from time to time without incurring any obligation to incorporate such improvements in any products previously sold or in service.