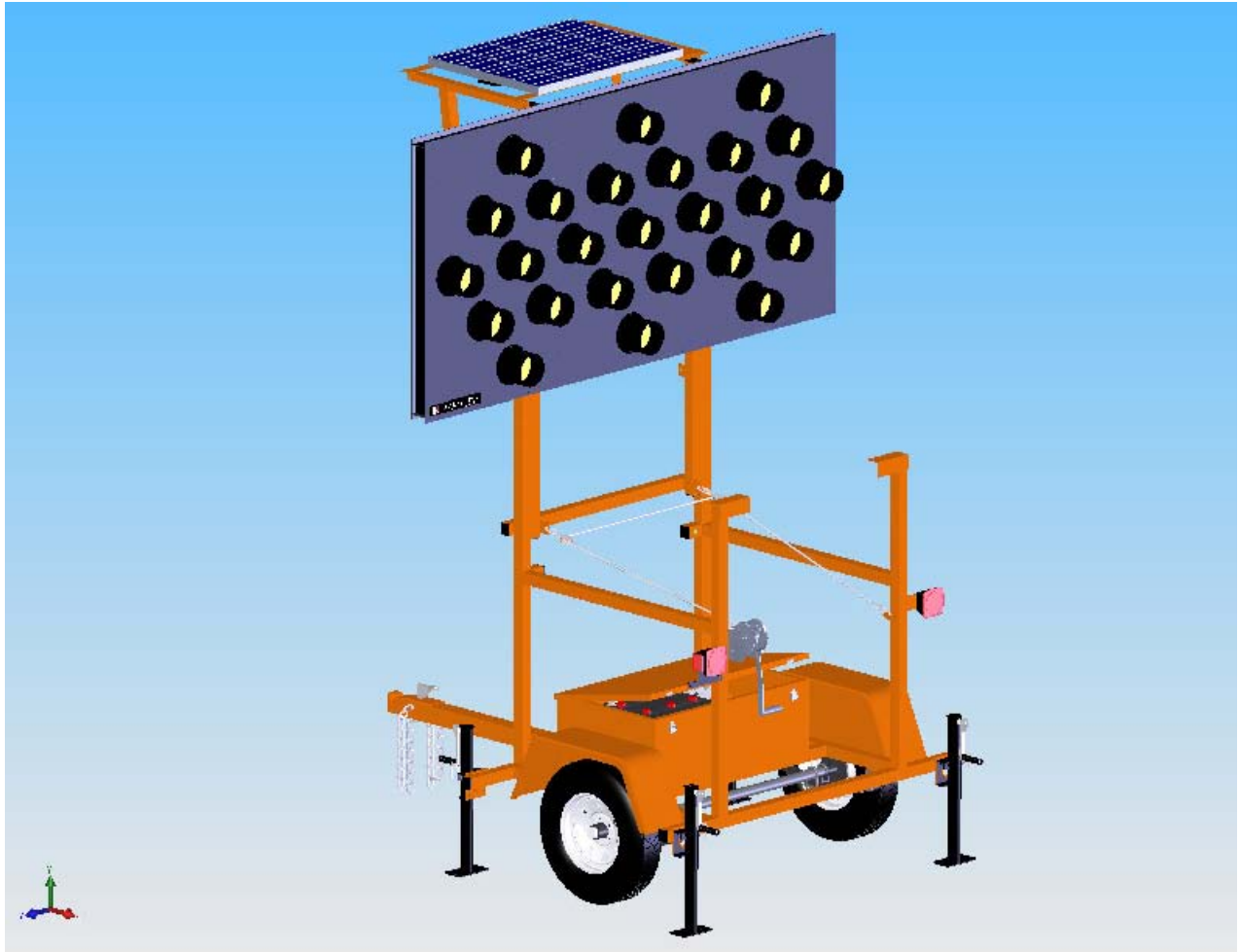


IntelliStrobe Safety Systems

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Springfield, MO. 65804
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MODEL AB25 ARROW BOARD TRAILER

SPECIFICATIONS

Model AB25

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) 47.75" 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

25 Light Control Box:

The 25 light control box is equipped w/ 5 light intensity settings:

Auto – automatically adjusts the to the lights from 100% (daytime 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.

35% - maintains 35% power to the lights regardless of the ambient light.

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

60% - maintains 60% power to the lights regardless of the ambient light.

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

The Control Box has 5 flashing and 3 sequential modes to choose from:

Single flashing arrow (left or right)

Double flashing arrow

Caution – alternating diamonds

Caution center bar

Caution 4 corners

Chevron – left or right

Stem arrow – left or right
Sequential arrow – left or right

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.

Circuit Breaker – Protects the wiring and circuitry from damage in the event of a malfunction. To reset the circuit breaker, press the button on the bottom side of the Control Box.

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.

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.