



# ATS 5 FLEX - 190 TRAILER

The trailer is compatible, interchangeably, with the following signage:

- SpeedAlert 18 or 24 (SA18 or SA24) Radar Message Sign
- InstAlert 18 or 24 (IA18 or IA24) Variable Message Sign
- Shield 15 (Sh15) Radar Speed Display
- 5' clearance from the ground to bottom of the sign meets MUTCD minimum requirement

## Features

- 1100 lb with 900Ah battery capacity, 12V battery supply
- **Tongue weight:** 81 lb
- **Dimensions:** 61.5" long x 62.5" wide x 65" high (stowed)
- Simple manual lever lift system for 1-person setup
- Removable tongue for 2" ball, lockable
- Storage for tongue and lift bar in locked battery compartment
- 16 ga. steel locking battery compartment with vented battery chamber, charger/accessories chamber and 1/8" aluminum diamond plate lid
- Continuous weld steel frame, white marine grade powder coat finish
- Additional locking battery box for expanded battery capacity, includes third-party equipment area
- **Wheels:** 12" bolt steel rims with 4.5" bolt circle
- **Ground Clearance:** 9.75 under axle, 19 under chassis
- Replaceable steel fenders, weight supporting
- Locking wheel lug bolts, one per wheel, with removal tool
- **Axle:** 2000# leaf spring
- **Jacks:** 4, retractable crank type, fully adjustable at each corner, 1500 lb capacity each
- Recessed tail lights and DoT approved lighting
- Safety chains, 23" with hooks
- DoT approved red/white reflective tape
- License plate holder with light



## Trailer Power

- 12VDC system to easily power on add-on hardware solutions for easy installation
  - Includes cable with 3 wires: (1) ground, (2) always-on 12V, and (3) switched 12V
  - Includes a second toggle switch in the main battery box to turn the switched 12V on
- Standard 4-way flat connector for lighting
- 900Ah batteries, (2) 6VDC batteries in series, deep cycle marine (130 lb per pair, four pairs)
- 40A time delay fuse on battery supply
- 190W solar assist with 15A solar controller with low voltage disconnect to prevent overcharging and over-discharging
- Solar panels charge while sign stowed or deployed
- 40 Amp 120VAC automatic charger with externally accessible AC connection
- Independent switches to control power to sign and add-on third-party equipment separately
- Trailer power ideal for 30W solutions\*

\*Time of year, sign usage will have variation on run times

## Trailer Options

- Recessed compartment with access panel to fit add-on third-party equipment available
- Multiple placement options for installing third-party equipment, including weather-sealed compartment for computer components
- 30" x 36" speed limit sign and interchangeable digits for 5-65 mph display and locking hitch pin for display and stowing; digit storage in battery compartment
  - '7' digit for speed limit sign
- Red and blue violator strobe light bar, set to flash above user set speed with signage
- 2 5/16" ball coupler or pintle hook, adjustable height, on removable tongue
- Orange and other custom colors available (minimum order quantity)
- Tamper alarm with adjustable sensitivity
- Wheel lock bar

## Warranty

1-year warranty (three months on batteries)



For more information visit us online at [AllTrafficSolutions.com](https://www.AllTrafficSolutions.com)

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