



ATS 5 FLEX - 380 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 Sign
- 5 ft. (1.52 m) clearance from the ground to bottom of the sign
- Meets Federal Department of Transportation MUTCD specifications

Features

- **Trailer weight:** 1,200 lb. (544.31 kg) with 900Ah battery capacity, 12V battery supply
- **Tongue weight:** 96 lb. (43.54 kg)
- **Dimensions:** 61.50 in. long x 62.50 in. wide x 65 in. high (156.21 cm long x 158.75 cm wide x 165.10 cm high), (stowed)
- Simple manual lever with lift-assist system for one-person set-up
- Removable tongue for 2 in. (5.08 cm) 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 in. (0.32 cm) 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 in. (30.48 cm) bolt steel rims with 4.5 in. (11.43 cm) 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:** 2,000 lb. (907.18 kg) leaf spring



- **Jacks:** Four, retractable crank type, fully adjustable at each corner, 1,500 lb. (680.39 kg) capacity each
- Recessed tail lights and DoT-approved lighting
- Safety chains, 23 in. (58.42 cm) 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 three wires: ground, always on 12V, and switched 12V
 - Includes a second toggle switch in the main battery box to turn the switched 12V on
- Standard four-way flat connector for DoT lights
- Maintenance-free 900Ah batteries, two 6VDC batteries in series, deep cycle marine
 - 130 lb. (58.97 kg) per pair, four pairs
- 40A time-delay fuse on battery supply
- 380W solar assist with 30A MPPT solar controller with low voltage disconnect to prevent overcharging and

- over-discharging
- Solar panels charge while sign stowed or deployed
- 40A 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 up to 50W solutions
 - Time of year, sign usage will have variation on run times

Optional Components and Features

- 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
- **Anti-vandal wire protection:** stainless steel conduit that protects electrical wiring
 - All connection points are shielded
- 30 in. x 36 in. (76.20 cm x 91.44 cm) speed limit sign and interchangeable digits for 5-65 mph (8-105 kph) display and locking hitch pin for display and stowing; digit storage in battery compartment
 - Seven digit for speed limit sign
- Red and blue violator strobe light bar, set to flash above user set speed with signage
- 2 5/16 in. (5.87 cm) 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



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