



"Wireless" Traffic Control Solutions

Battery Enclosures

Features

- 0.125-inch mill finish aluminum enclosure
- Equivalent NEMA rating of 3R
- Door attached to the unit with continuous stainless steel hinge
- Integral rigid stainless steel rod-type door stop
- Neoprene door gasket
- Aluminum screened louvered vents
- Integral rain lip
- Adjustable latch striker
- 0.50-inch Styrofoam sheeting on battery compartments
- Concealed rivets for hinge

Options

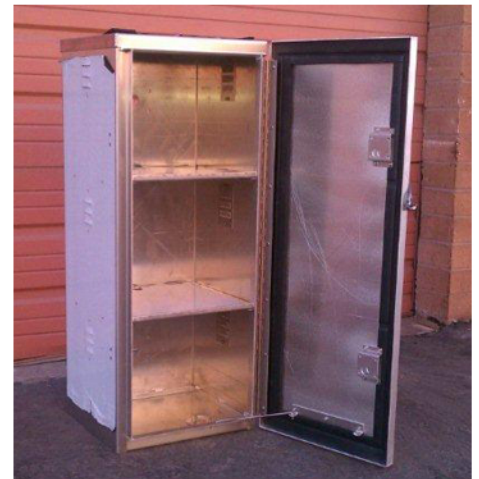
- In inches 2-battery (2B) 15.5 x 15.5 x 26; 4-battery (4B) 15.5 x 15.5 x 40; Or project-specific dimensions (custom)
- Saddle-style mounts for 4.5-inch O.D. pole or band-style mount for 6-inch to 8-inch O.D. poles/posts
- Police lock with key or Corbin #2 lock with key
- Two or three compartments for batteries/controls
- Powder coating
- Zinc-plated draw pull catch with padlock hasp
- Thermostatically-controlled 12VDC fan

Enclosures for Solar-Powered Systems

Necessary building blocks for STC systems. Used to hold the batteries and electronic equipment, these cabinets have an aluminum material thickness of 0.125-inch with an equivalent



2-battery (2B) Cabinet
15.5"L x 15.5"W x 26"H



4-Battery (4B) Cabinet
15.5"L x 15.5"W x 40"H



Custom Cabinet
25"L x 15.5"W x 40"H



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NEMA rating of 3R. Mounts are included and suitable for mounting to a 4.5-inch outer diameter pole. Enclosures accept band-style mounts and conduit fittings typical to such installations and feature a minimum of 1 police lock or Corbin #2 with keys.

Enclosures include 3 screened louvered vents on each side of each compartment. The louver screening is aluminum for longevity. Rain penetration is minimized by an integral rain lip at the top of the main cabinet body. User can adjust the pressure between door gasket and body of cabinet by an adjustable latch striker in the side of the cabinet body. Each battery compartment has a minimum of 0.50-inch of Styrofoam sheeting around the unit to minimize heat transfer between battery and wall of enclosure.

Solar Power: a free source of energy

STC's solar-powered systems are designed for quick and easy installation in the field. Our careful front-end engineering minimizes your installation costs and provides years of trouble-free operation. The standard solar power system includes the solar array, system enclosure with all the necessary electronics, color-coded wiring harnesses, sealed batteries and full documentation. DC LED lamp kits can also be purchased. These include the LED beacon, lamp housing and mounting hardware.

STC Systems are Cost Effective

Our solar flasher systems allow you to stretch your budget to obtain the traffic safety devices you need at affordable prices. Most systems are equivalent to the cost of obtaining an AC power drop. Battery life is typically three to six years; less expensive than grid electricity for the same period of time.

Solar Traffic Controls (STC) provides solar-powered traffic control systems for city, state and federal DOTs; police, firefighting and public works departments; facility maintenance and plant safety industries. Our primary products are solar-powered flashing beacon systems used for school zones and 24-hour applications. We also supply specialized flasher systems using environmental sensors and custom communications packages to control the flashing beacon systems. Our product spectrum also includes wireless power systems for ITS, EMS and HAR. STC's products and services are sold through a network of regional distributors who offer technical support for your project.

For more information: Solar Traffic Controls, LLC • 1930 E Third St, Suite 21 • Tempe, AZ 85281-2929 USA
Tel: 480.449.0222 • Fax: 480.449.9367 • info@solar-traffic-controls.com • www.solar-traffic-controls.com