

ATC Standard Cabinets  
ATC Plus Cabinets

**Safetran**  
BY ECONOLITE



## Econolite's Advanced Transportation Controller (ATC) Cabinets

### *Going Beyond what the Industry Requires*

Econolite realizes that when it comes to selecting an ATC cabinet, there are many similar options on the market to choose from. Our **ATC Standard** and **ATC Plus Cabinets** go beyond the requirements set forth in ATC 5301 v02. This intelligent cabinet design is based on the most popular features of NEMA, and ITS cabinets and offers high-speed serial communications and providing modern features, advanced diagnostics, enhanced safety, simplified cabinet wiring and scalable cabinet configurations. Econolite strives to ensure that all of our ATC Cabinets outperform other ATC cabinets available in the industry by backing our quality and manufacturing processes with the following certifications:

### ATC Standard Cabinet

The ATC Standard cabinet supports both 120 AC and 48-volt DC signal heads, while high-density load switches and quad detector modules allow for up to 32 signal outputs and 120 detection inputs. Other features include:

- 24- or 48-channel input assembly
- 16- or 32-channel output assembly
- Auxiliary Display Unit (ADU)
- Traffic controllers
- Input and output termination panels
- Power supply
- Service assembly
- Compatible with numerous enclosures

- Econolite's ATC Cabinets are built by manufacturing staff that are IPC-certified by the Institute for Interconnecting and Packaging Electronic Circuits (IPC). This certification ensures quality control, consistency, and excellence in our manufacturing processes.
- In addition, Econolite is a certified ISO-9001 organization by the International Organization for Standardization (ISO). Our operational processes are fully standardized, documented, maintained, and certified by ISO ensuring the utmost quality in the products we deliver and the documentation we provide.
- Econolite ATC Cabinet housings can be supplied with a UL® Listed products certified by authorized representatives approved by Underwriter Laboratories (UL). This certification demonstrates Econolite's commitment to safety, compliance, sustainability, security, quality, and performance.



*See More Benefits with ATC Plus Cabinets ...*

# Offering Even More with ATC Plus Cabinets

## A More Robust ATC Cabinet Solution

Econolite has expanded the capabilities of our ATC Standard cabinet with the advanced features offered in our ATC Plus Cabinet. The enhanced design of ATC Plus cabinets include specialized features that provide Cities and Agencies with the following added capabilities:

- **Advanced ATC Power Assembly** – a more robust power supply that provides both 24VDC and 48VDC internally. This unit incorporates the cabinet flasher to further isolate this important device from possible surges in the service panel assembly. Also includes a 3-port SDLC Hub for equipment added in the cabinet that can use this communication to the controller. There are 16 24vdc programmable ports for customer programming of alarms or other functions. We have also included five Clean AC power outlets with Wall-Wart spacing.
- **Streamlined Output Termination Panel** – a more efficient provision for field hookups with the ability to disconnect only one approach (signal) for technical maintenance while the other signals remain active. Allows for no dark approaches when traffic signal maintenance is required.
- **Enhanced Service Panel Assembly** – an incorporated Generator Transfer for ease of connecting and operating an external generator in the event of intersection power loss.



## ATC Plus Cabinet

- Power assembly
- 24- or 48-channel input assembly
- 1 or 2 16CH output assembly
- Auxiliary Display Unit (ADU)
- Traffic controllers
- Input and output termination assembly
- Service panel
- Compatible with numerous enclosures

## Unmatched Customer Service and Support

At Econolite, we listen to our customers and build ATC Cabinets options that are designed to be safer, smarter, and greener. Our ATC Cabinets are built to exceed customer expectations and provide smarter alternatives that future proof their intersections for years to come.

As the leader in One-Stop-Shop traffic management solutions, we strive to ensure that we have several layers of technical service and support staff available to provide complete customer satisfaction.



Learn more about Econolite cabinets



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