

Cabinets for Traffic Management

334L Cabinet

What, exactly, are 334L cabinets?

The Safetran 334L Series of traffic control cabinets are built to the exacting standards and specifications of NYDOT, Caltrans, FHWA, and TEES. Each 334L cabinet features a 19-inch EIA rack that provides ultimate ease and flexibility of traffic control component configuration.

Why do agencies use 334L cabinets?

The modular design of Econolite's Safetran 334L cabinet provides control of up to eight vehicle and four pedestrian phases. The 334L Series of cabinets also meet the stringent weatherproof requirements for State of California TEES enclosures and can be delivered UL-approved.

How do 334L cabinets benefit the driving public?

Econolite's Safetran 334L Series of traffic cabinet securely houses the signal controller and other vital intersection electronic equipment that manages efficient intersection operations and traffic flow. The strict adherence to industry standards and specifications ensures the highest levels of safety for all roadway users.





Description

The Model 334L was designed as a ramp metering cabinet; however, it has found wide acceptance in other applications such as highway surveillance, sprinkler control, and sign control. All sub-assemblies are mounted in a removable 19-inch Electronic Industries Alliance (EIA) self-standing rack assembly for ease of maintenance. The power supply and input files are common to the 332L, 336L cabinets. The standard 334L cabinet provides the user with 9 AC outputs and up to 28 isolated inputs. Constructed of heavy 0.125-inch aluminum, the 334 provides a durable, weatherproof enclosure designed to the NEMA 3R specification.

This design includes the newest 206L Switched mode power supply replacing the older Ferro-resonant technology. The power supply provides full output regulation across changes in the AC line voltage and output load over the full operating temperature range of -34C to +74C. Power Factor correction is also provided.

The cabinet includes a transient voltage surge suppression unit at the main power entrance to the cabinet. This unit provides "clean" AC power to sensitive devices in the cabinet. A 30A main power disconnect circuit breaker is also included. A terminal facility for convenience and simplification in when adding a Battery Backup System (BBS) or generator connection in this cabinet has been included.

A din-rail mounted thermostat is mounted in the top of the cabinet with an angled bracket for easier access. This new thermostat assembly has better accuracy and temperature control and is shrouded for protection against shock.

Basic Specifications

- Dimensions
 - 66 in. H X 24 in. W x 30 in. D
- Material
 - Aluminum 0.125 in.
- Ship Weight
 - 290 lbs
- Finish
 - Anodized, bare, painted, or anti-graffiti

