

Safetran Model 334L Cabinet



▷ ▷ The Model 334L cabinet system is an energy efficient and green friendly version of the standard 334 cabinet.

About the 334L Cabinet

It is well understood that one of the most critical components of a signalized intersection is the traffic control cabinet. The traffic cabinet houses the signal controller and other vital intersection electronic equipment that manages traffic flow and ensures safety for all roadway users.

Safetran (an Econolite Group company) has provided more than three decades of leading innovation and service through close alignment with its customers and the industry. Safetran's focus, along with its people and their experience, in providing traffic management solutions for New York Department of Transportation (NYDOT), California Department of Transportation (CalTrans), Federal Highway Administration (FHWA), and Transportation Electrical Equipment Specifications (TEES) projects and standards is unequalled in the industry.

As a result, Safetran provides an ideal combination of specification- and customer-driven cabinet solutions to the traffic industry with unparalleled factory support and service.

At A Glance

- ▷ Meets all Caltrans requirements
- ▷ Two doors (one front, one rear)
- ▷ Base-mounted
- ▷ Three-point locking system
- ▷ For ramp meter controllers and accessories





Description

The Model 334L was designed as a ramp metering cabinet; however, it has found wide acceptance in other application such as highway surveillance, sprinkler control, and sign control. All subassemblies are mounted in a removable 19-inch Electronic Industries Alliance (EIA) self-standing rack assemble 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

