

Safetran Model 336L Cabinet



► ► The Model 336L cabinet system is an energy efficient and green friendly version of the standard 336S cabinet.

About the 336L 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

Safetran



Description

This versatile, modular design provides control of up to eight vehicle and four pedestrian phases. An optional configuration provides six additional load switch position for use as overlaps, seven-wire interconnect outputs, and a variety of special function outputs. Ample space is provided for mounting two 170 type or 2070 type controllers for master/local application. 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.

A new PDA "L" version is incorporated to include a 15A Clean AC circuit breaker, a Solid State relay in replacement for the mercury filled contactor, with a "Health" relay and fault indicator. The Signal and Flasher circuit breakers have been changed to reflect the low power savings to 10A. Each assembly will also include a pull-out computer drawer.

The assembly incorporates the removable 19" EIA rack for ease of maintenance. The cabinet shell is constructed of heavy 0.125 Inch aluminum to provide a durable, NEMA 3R-specified, weatherproof enclosure.

Basic Specifications

- ▶ **Dimensions**
 - ⦿ 46 in. H X 24 in. W x 22 in. D
- ▶ **Material**
 - ⦿ Aluminum 0.125 in.
- ▶ **Ship Weight**
 - ⦿ 238 lbs
- ▶ **Finish**
 - ⦿ Anodized, bare, painted, or anti-graffiti

