

Super P44 Cabinet



>>The Super P44 cabinet is a multipurpose, user-friendly assembly that can be used for numerous intersection installations.

About Super P44 Cabinet

The cabinet incorporates a P44 controller cabinet with a UPS cabinet all under one roof. With the ability to mount equipment on shelves, it has the same look and functionality of a standard P44 NEMA cabinet.

The SM (shelf mount) cabinet integrates the best of both worlds by using the full functionality of a NEMA P44 cabinet while incorporating a UPS cabinet in order to save space. The Super P44 cabinet allows the user the ability to install only one cabinet instead of two. Additionally, users have the ability to maintain the current level of intersection control, while reducing cabinet costs for specialized equipment and reduced installation/set-up time.

At A Glance

- ▶ Combination controller and UPS cabinet all in one
- ▶ Simplified installation
- ▶ Standard P44 anchor bolt pattern
- ▶ Tested in an ISO quality assured environment
- ▶ All equipment is shelf mounted



Material

- Aluminum 0.125 in.

Finish

- Natural, Powder Coat Paint, West Spray Paint

Mounting

- Base mounted 18.50 in. x 40.75 in. anchor bolts (optional)

Access

- One full-size door (one front of the controller cabinet)
- One full-size door (one front of the UPS cabinet)

Ventilations

- Pleated media fiber filter in door 100 Cubic Feet per Minute (CFM) fan with thermostatic control on both the controller cabinet and UPS cabinet

Locking System

- Three-point locking system with choice of locks on both controller cabinet and UPS cabinet:
 - Corbin locks (optional)
 - Best locks (optional)

Handles

- Stainless steel with padlock feature on both controller cabinet and UPS cabinet

Door Stops

- Two-position bar stops on bottom of each door

Detector Rack Assembly

- Shelf Mount detector rack assembly with:
 - 2 or 4 channel detector cards
 - 6 detector inputs
 - Full-width Bus Interface Unit (BIU)
 - 4 channels of EVP preemption

Basic Specifications

► Dimensions

- 57.4 in. H x 58.6 in. W x 26.3 in. D

► The SM controller cabinet provides many configuration options to meet your agency's specific needs - TS-1, TS 2-1, TS 2-2

- 12 or 16 position vertical or horizontal MP (Main Panel)
- 8 position vertical MP
- 4 position vertical MP

Configuration

- Eight vehicle phases, four pedestrian phases, four overlaps (optional)

Police Door

- Signal on/off and flash/auto switches
- Auto/manual switch with police cord

Lighting

- Fluorescent front and/or back (optional) on both controller cabinet and UPS cabinet

Shelf Drawer

- Slide-out shelf/drawer storage unit (optional) on controller cabinet only

Flasher

- One slot for two-circuit flasher (optional second slot and flasher)

Flash Transfer Relay

- Receptacles for up to six flash transfer relays (optional 8 FTR's)

