

# 346 ITS Cabinet



## Cabinets

Controllers

Signals

Signs

Software

Specialty

## Overview

McCain's 346 ITS Cabinet is a compact, rugged and intelligent cabinet designed to provide superior transportation control. This cabinet meets all of the requirements developed by the American Association of State Highway and Transportation Officials (AASHTO), the Institute of Transportation Engineers (ITE), and the National Electrical Manufacturers Association (NEMA). The 346 cabinet, patterned after the industry standard 336 controller cabinet, provides ample space for many applications, and its convenient modularity provides a flexible control system. In addition to traffic control, the 346's design is applicable to many other control requirements including sign control, closed-circuit TV (CCTV), ramp meters, irrigation control, highway railroad intersection control, and high-occupancy vehicle systems.

## Benefits

- Ideal for a multitude of ITS applications including intersection control
- State-of-the-art technology designed to control a variety of intelligent systems
- Standard assemblies assure interchangeability between manufacturers
- Compact size increases flexibility and options for intersection design
- Full size doors (front and back) provide easy access to the cabinet's interior
- Same footprint as the 336 cabinet

## Product Description

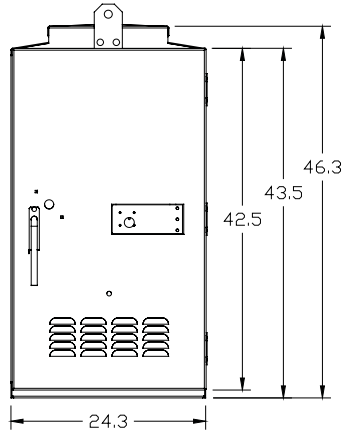
The McCain 346 ITS Cabinet is McCain's most compact ITS cabinet, offering many of the same features as its larger counterparts with the added benefits of being lightweight and providing versatile mounting options. This cabinet's modular design easily accommodates current assemblies while maintaining enough adaptability to house next generation applications and future expansions.

The cabinet's strategically placed power distribution and serial connectors promote a wide range of configurations. The 346 comes standard with a Power Distribution Assembly (PDA) and a rack mount 24 VDC power supply. It also includes a 2-socket source of raw/clean AC power, a service panel with AC and Equipment Ground (EG) buses, and a DC power & communication assembly.

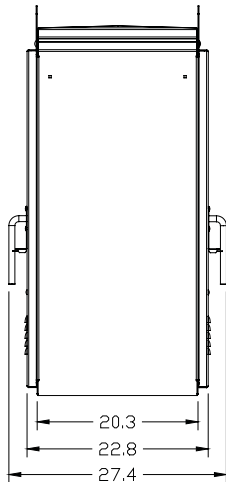
A three-point latching system with industry standard locks on both doors allows for secure installations yet easy access for maintenance and product upgrades.

# 346 ITS Cabinet

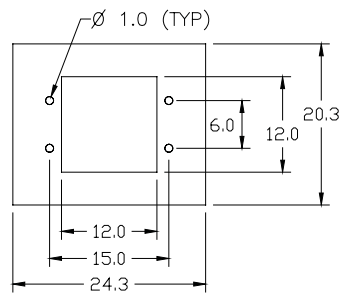
Front



Side



Base



Dimensions rounded to the nearest 0.1"

## Standard Features

- Meets all requirements of the ITS cabinet standard, v01.02.17b of the joint AASHTO/ITE/NEMA committee on the ATC
- Standard 218 SIU's for input and output serial control
- Modular power, DC, and serial buses
- Fluorescent cabinet lights (2), front and back

## Assemblies

- Input file (1) - 12 position with an 218 SIU socket per assembly
- Output file - 14-pack with a 214 AMU socket and a 218 SIU socket
- Raw/clean AC power, 2 socket
- 24 VDC power supply, rack mount
- DC power / communication
- Power Distribution Assembly (PDA), 212 CMU socket
- Dual-circuit flasher positions (2)
- Service panel, AC and EG buses
- Police panel with signal "On/Off", "Auto/Flash" and "Auto/Manual" switches
- Fiber optic termination panel
- Drawer
- Manual advance push button cable

## General Specifications

Dimensions:	46" H x 24" W x 20" D (rounded to the nearest inch)
Material:	5052-H32 aluminum, 0.125" thick
Finishes:	Natural, powder coat (standard, anti-graffiti, and custom colors), anodized
Access:	Front door (1), back door (1), both full size
Latching System:	3-point, choice of Corbin or Best locks
Handles:	3/4" round, stainless steel with padlock hasp
Door Stops:	90° and 180° (±10°), each door, top
Rack Assembly:	Removable 19" EIA rack
Ventilation:	Thermostatically controlled 100 CFM fan Louvered air intake in door, pleated filter
Mounting:	Base, pedestal, or side of pole mounting
Shipping Weight:	204 lbs without plug-ins or controller(s)

## Options

- Mounting equipment: anchor bolts for base mounting (4), brackets for side of pole mounting (2), and plates for pedestal mounting

To learn more about  
McCain's Integrated Traffic  
Solutions, please contact  
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call (760) 727-8100



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