EAGLE®
Traffic Control Systems

Eagle Size Smart P NEMA Size 6 Traffic Cabinet

DATA SHEET



DESCRIPTION

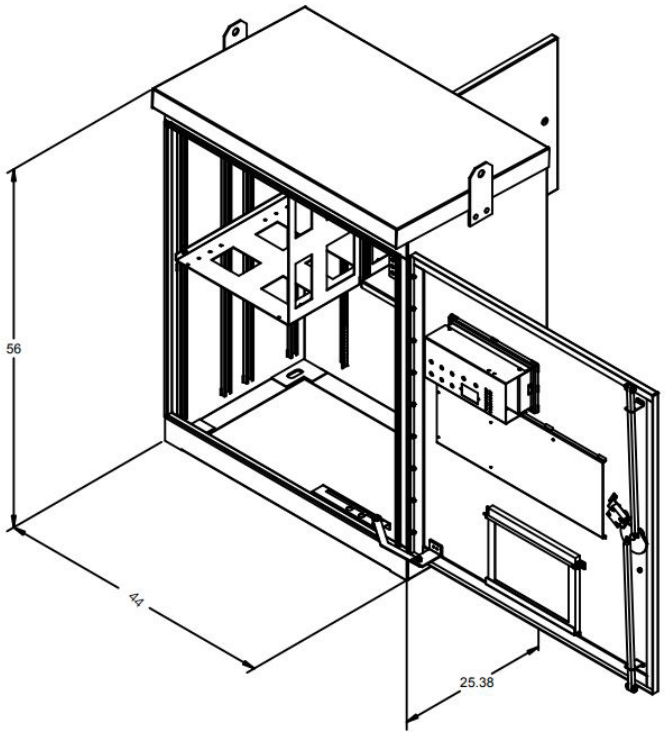
The Eagle Size Smart P NEMA Size 6 Traffic Cabinet is designed for maximum convenience with extra storage space and easy access to electronic components.

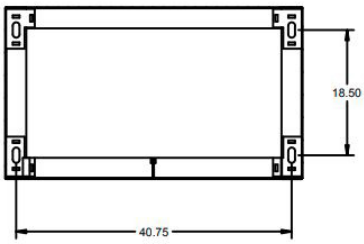
The Smart P's added features include a 19" EIA equipment mount rack with 12U of open rack space. This rack space can be used to house a variety of electronic equipment, such as battery backup system fiber optic panels, Ethernet switches, drawers, and more. The cabinet includes a back door for easy access to both sides of the rack-mounted equipment. The Smart P provides a safe, simple mounting location and access for standard 19" rack-mounted electronic equipment.

OPTIONAL CONFIGURATIONS

- Outward-rotating door handle
- Double-flanged door frame to provide a better splash shield
- Continuously welded enclosure for maximum protection from contaminants
- Unique lock/keying combinations
- Custom finish per customer requirements
- Lifting ears
- Flush-mounted generator compartment – mounting for twist-lock generator plug, Generator/Off/Utility manual transfer switch, and utility power indicator light. Compartment includes #2 lock and sliding cover allowing the door to be closed and locked with generator cable installed.

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DIMENSIONS

56” H x 44” W x 26” D

STANDARD ENCLOSURE SPECIFICATIONS

Completely fabricated from .125”-thick type 5052-H32, mill-finished aluminum utilizing intermittently welded construction, subsequently weatherproofed with silicone sealant.

Internal attaching components include eight (8) adjustable “C” mounting channels (4 per side), and two (2) slotted rails on rear wall for attaching equipment panels.

The door opening is double-flanged on top to prevent water drops when the door is open. The opening also includes a mount for two door-operated switches.

Thermoconvection air ventilation system utilized with provisions for mounting fan for forced-air cooling.

Exhaust outlet openings are provided under the roof over-hang.

All internal and external hardware is fabricated from non-corrosive material.

Automatic door stop to hold main door open at 90°, 120° and 135°.

Three (3) shelves included.

STANDARD DOOR SPECIFICATIONS

Front Door

Provided with three-point locking mechanism with nylon rollers at the top and bottom.

3/4” diameter stainless steel inward turning handle with provisions for padlocking.

Main door lock – industrial standard pin tumbler lock with #2 key.

Louvered inlet with filter to prevent dirt from entering with air flow.

A 2” deep, fabricated switch compartment is included with a standard police lock and 18-gauge stainless steel continuous hinge with a 1/8” diameter hinge pin riveted in place. Compartment is mounted flush to the door.

Rear Door

Rear door lock – industrial standard pin tumbler tapered slam lock with #2 key

Both Doors

Closed cell PVC door gasket with polyester film to prevent sticking.

Heavy gauge stainless steel continuous hinge utilizing a 1/4” diameter stainless steel hinge pin for door support, carriage bolted in place for ease of door removal.

ORDERING INFORMATION

EL712DQ – Base Mount Smart P Cabinet

EL712BR – Base Mount Smart P Cabinet with flush-mounted generator compartment