

Part No.	Door Count	Description	Weight
E8P	12 -14*	Enclosure with main backplate	60 lbs

E8 enclosure size: 36H x 30W x 6.5D

*Power configuration dependent



Overview

PCLASS™ multi-purpose enclosures offer maximum flexibility, functionality and savings to access system designers. Enclosures are engineered to house LSP power management boards alongside Paxton NET2 or Paxton BLU panels in one compact, secure system.

A removeable backplate protects sensitive system electronics by allowing enclosures to be mounted at the jobsite while panel wiring is done in house. Once configured, the backplate can be remounted for final ties and checkout.

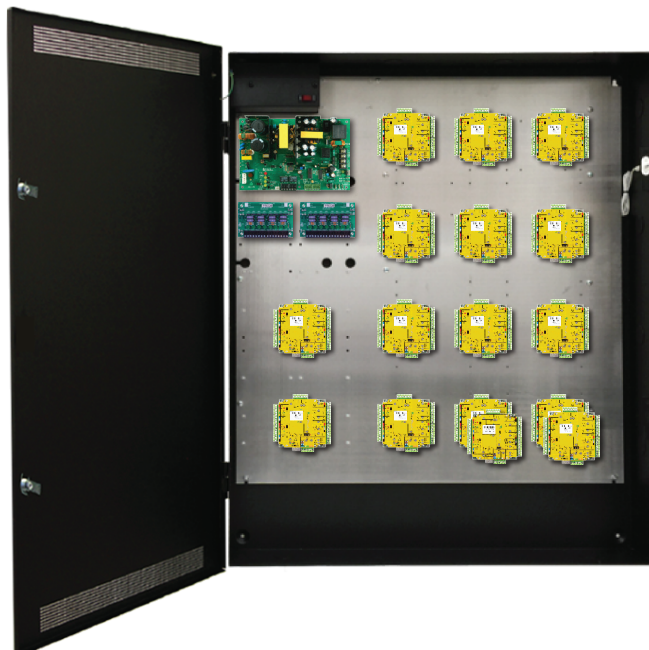
Features

- Light weight removeable aluminum backplate simplifies access wiring.
- Flexible Paxton pattern mounts up to twelve controllers
 - ◆ Higher door counts with controller double stacking
- Layout optimized for wire channels with tie wrap slots
- Combination AC on/off circuit breaker switch
 - ◆ Provides safe disconnect for convenient maintenance or service

Mechanical refinements

- ◆ 6.5" enclosure depth accommodates 12Ah battery sizes
- ◆ Removeable door with quick disconnect grounding strap
- ◆ Protected AC input terminal - meets arc protection requirements
- ◆ Lock with two (2) keys and installed tamper switch
- ◆ 16 Gauge steel with LSP black textured finish
- ◆ Multiple 0.50, 1.00, 2.00" knockouts
- ◆ Paxton mounting hardware provided

Custom Backplate Mounting System



Flexible Mounting Pattern

The E8P backplate is designed with a unique Paxton mounting pattern to provide the installer with a configuration mechanism capable of supporting up to 12-14 controllers with system and lock power. The backplate is removable and mounts Paxton and LSP modules in both single and dual voltage configurations.

LSP power supplies and distribution boards mount in pre-drilled holes. Paxton controllers mount on supplied threaded standoffs.

The 6.50" cabinet depth allows for large battery sizes.

PAXTON Mounting Guide

Configuration	Available Slots
Single Voltage	14*
Dual Voltage	12*

*Panels can be double stacked for higher door counts

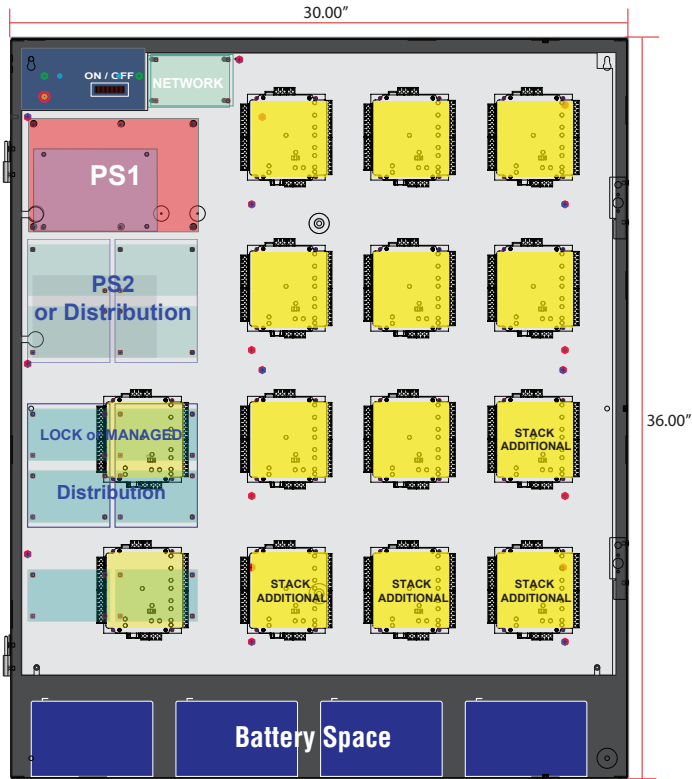
Enclosure Features

◆ **Custom Backplate**

- Light weight aluminum with AC and battery slots to protect cables
- LSP pre-wired power modules reduce installation time
- Front side screw in standoffs simplifies panel installation
- Wide wire management channels for panduit or tie wrap

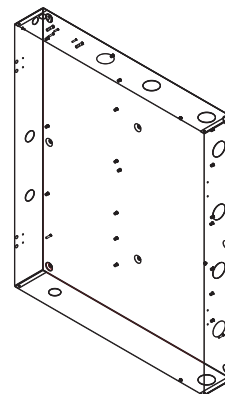
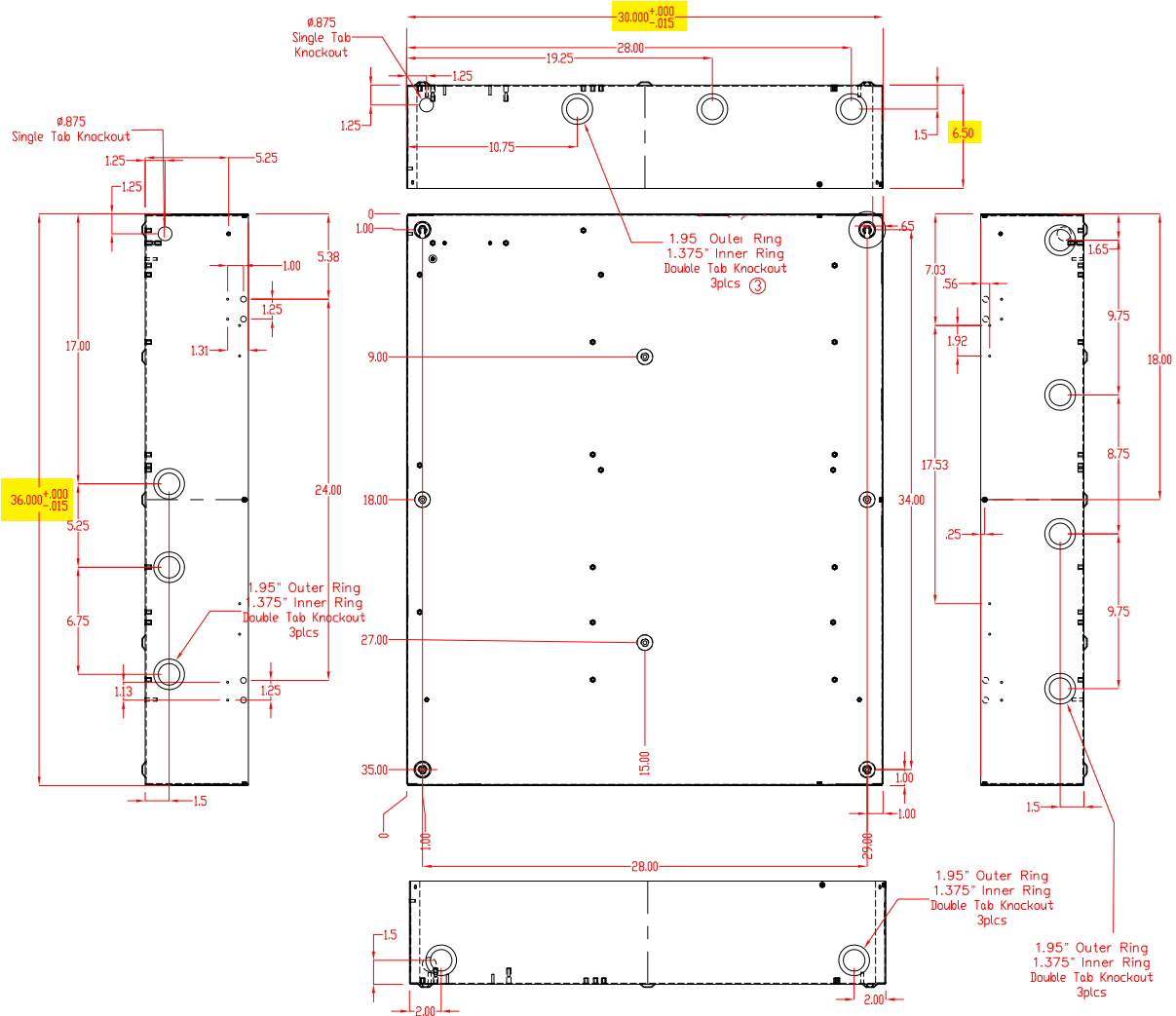
◆ **Mechanical**

- Protected AC cover with on/off circuit breaker for maintenance safety
- Pre-drilled mounting holes for easy field upgrades
- 6.5" cabinet depth accommodates large battery sets
- Removable door with "fast disconnect" ground strap
- Multiple knockouts all four sides



E8 Enclosure Dimensions (H x W x D)

36.00" x 30.00" x 6.50" (91 x 76 x 16.5 cm)



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