Part No.	Door Count	Description	Weight
E6V	8 Doors	Enclosure with main backplate	45 lbs
E6V1	16 Doors	Enclosure with main/door backplates	48 lbs

E6 enclosure size: 30H x 23W x 6.5D

Overview

VCLASS multi-purpose enclosures offer maximum flexibility, functionality and savings to access system designers. VCLASS enclosures are engineered to house FlexPower® power management boards alongside HID VERTX or Aero access panels in one compact, secure UL294 listed system. The E6V / E6V1 enclosures cover a door count from eight to sixteen with dual voltage distribution and network monitoring.

To prevent damage to system electronics, the backplate(s) separate from the enclosure for access hardware mounting in the shop while wiring is pulled to the enclosure at the job site. Once configured, the backplate can be remounted for final wiring and checkout
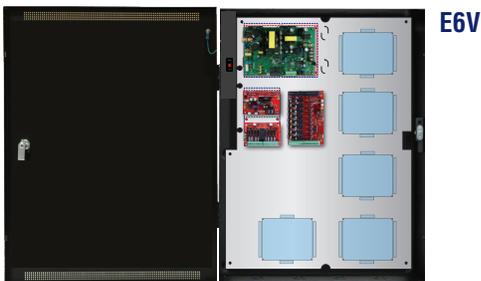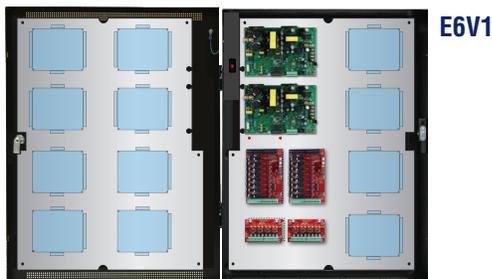
Features

➢ Combines power and access panels in one secure, space saving UL enclosure
➢ Flexible backplate pattern mounts power and HID controllers
➢ Layout optimized for maximum wire channels with tie wrap slots
➢ Combination AC on/off switch with circuit breaker
   ◆ Provides safe disconnect for convenient maintenance or service
➢ Mirrored backplate patterns maximize configuration possibilities
   ◆ Main backplate mounts V100/V200/V1000/V2000/X100/X200/X300/X1100 for up to eight doors
   ◆ Door backplate expands capability to sixteen doors
➢ All HID mounting hardware provided

Mechanical refinements

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

8/16 Door Custom Backplate System

E6V

E6V1

Flexible Mounting Pattern

Both E6V and E6V1 backplates are removable and mount VERTX or Aero controllers alongside FlexPower modules in single or dual voltage configurations.

FlexPower boards mount on threaded holes and HID boards mount on supplied threaded standoffs.

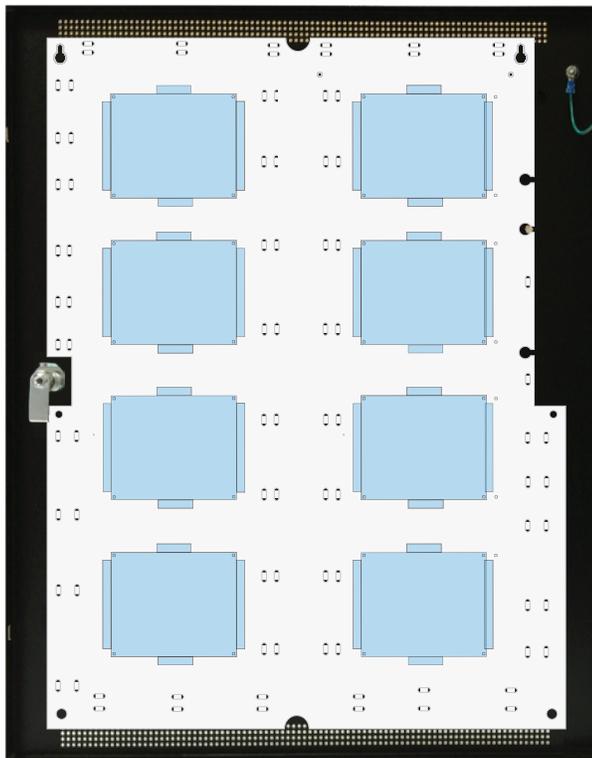The 6.50" cabinet depth allows various battery sizes and capacities for greater standby time.

E6V / E6V1 Mounting Guide

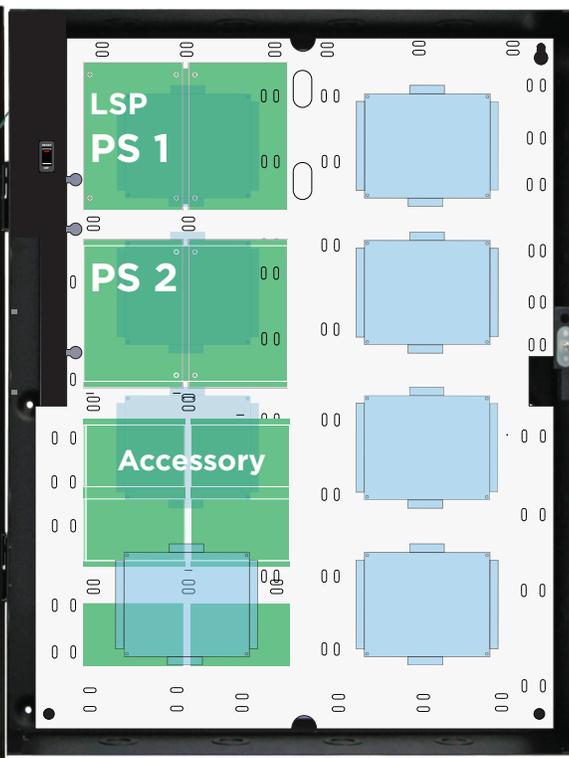| VERTX/Aero Controller	Mounting Slots	
	E6V main	w/E6V1 door
V1000 / V2000	1	N/A
V100 / V200	4	12
X100 / X200 / X300 / X1100	4	12

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*

◆ **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*
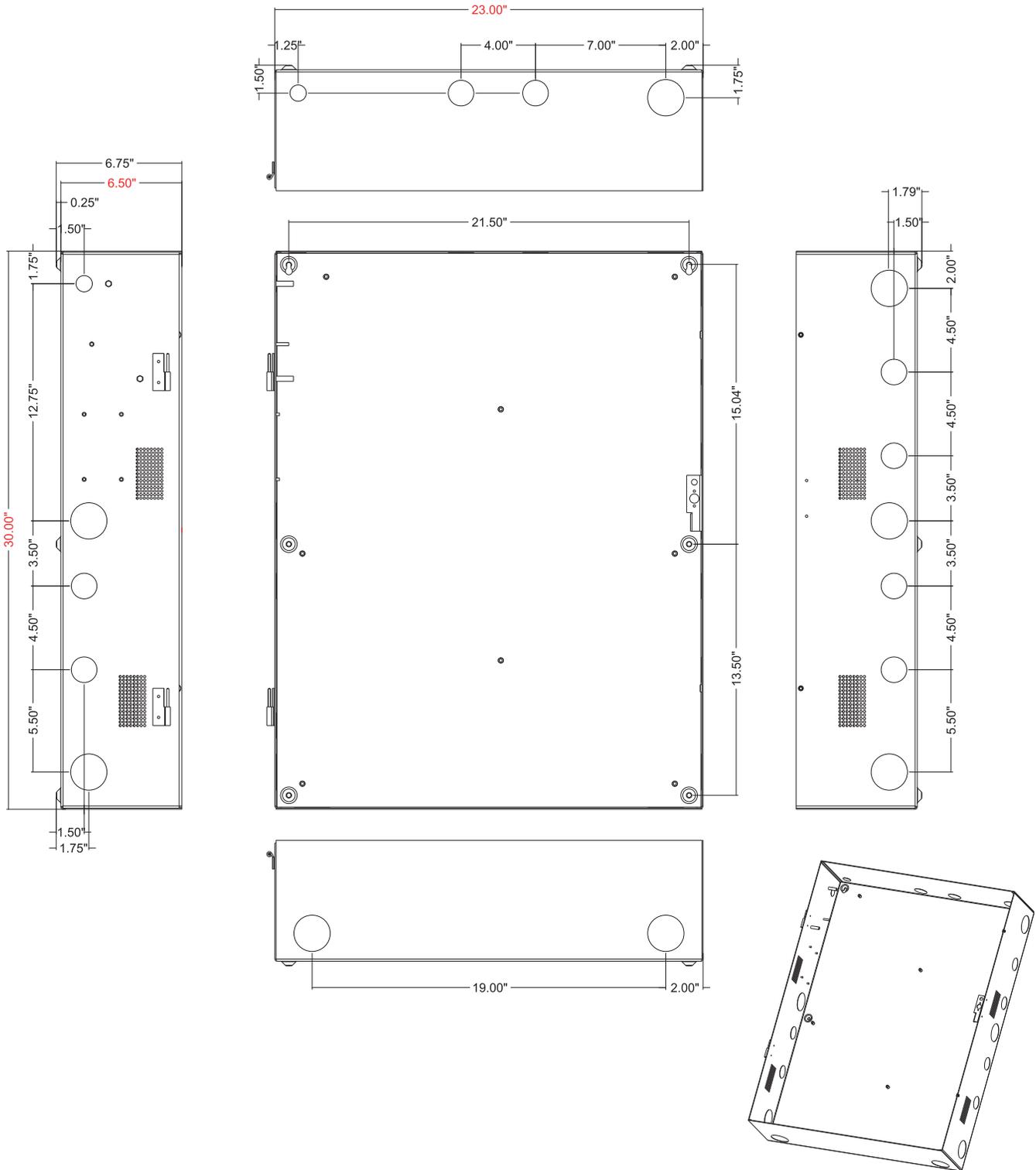
E6V1 door   **E6V main**

E6 Mechanical Specification

30.00" x 23.00" x 6.50" (76 x 58.5 x 16.5 cm)

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 Specifications subject to change without notice.

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