

VCLASS™ HID VERTX Unified Power Systems

optimize install efficiency, space utilization and servicing



Installation and service efficiencies

- One AC drop reduces installation costs
- Removable back plate simplifies wiring
- minimize installation time and labor costs
- Deep enclosures accommodates large battery sets

Preinstalled power section saves installation time

- 120 or 230VAC input with safe AC disconnect
- circuit breaker switch

Custom mounting access backplate

- Enclosure options support four, eight, or sixteen
- door counts with dual voltage and remote networking

LSP OutSmart™ Technology

- Dual color output LEDs verify voltage throughout system



Network management option

- Enables remote servicing
- Live monitoring of system parameters
- Initiate remote battery load tests or
- remote power cycle connected devices

VCLASS systems are UL/ULC listed

for flexible mix and match configurations in any enclosure

VERTX Four, Eight and Sixteen Door Configurations

DOORS	STANDARD PN	MANAGED PN	12VDC	24VDC	ENCL H x W x D	POWER AND PANEL MOUNTING
HID						
2	FPO75-B100C4PE2V	FPO75-B100M8PNL4E2V	2A	2A	20 x 16 x 4.5	System power, lock power / two Vertx
4	FPO75-B100C4PD8PE4V	FPO75-B100M8PNL4E4V	2A	2A	24 x 20 x 6.5	System power, lock power / three max Vertx
8	FPO150-B100C8PD8PE4V1	FPO150-B100D8PM8PNL4E4V1	4A	4A	24 x 20 x 4.5	System power, lock power / six max Vertx
8	FPO150-B100C8PD8PE6V	FPO150-B100D8PM8PNL4E6V	4A	4A	30 x 23 x 6.5	System power, lock power / nine max Vertx
16	FPO150/250-2C8P2D8PE6V1	FPO150/250-2D8P2M8PNL4E6V1	12A	10A	30 x 23 x 6.5	System power, lock power / nine max Vertx
16	FPO150/250-2C8P2D8PE8V	FPO150/250-2D8P2M8PNL4E8V	12A	10A	36 x 30 x 4.5	System power, lock power / nine max Vertx

C4P, C8P, D8P, F8P, M8P are class II PTC outputs. For fused outputs, drop "P", i.e. C4, C8, D8, F8, M8



2 Door

4 Door

8 Door

16 Door med encl

16 Door large encl

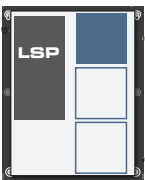
E2V

E4V

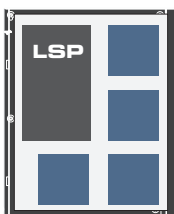
E6V

E6V1

E8V



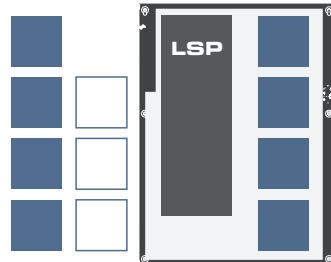
20 x 16 x 4.5



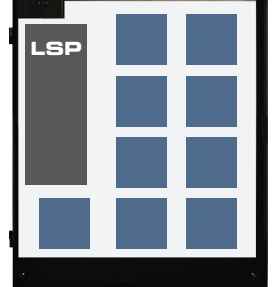
24 x 20 x 6.5



30 x 23 x 6.5



30 x 23 x 6.5



36 x 30 x 6.5

VERTX Mounting Patterns



The backplate mounting pattern on the power enclosures have been specifically designed to combine HID VertX[®] access panels and LifeSafety Power modules in one compact, secure system. The mounting matrix is a visual guide to the number of "VERTX slots" available for 2, 4, 8 and 16 Door single and dual voltage systems. VertX boards carry the same mechanical footprint so any model number can be placed in any available mounting pattern.

VertX		2 Door	4 Door	8 Door	16 Door
V2000		1 slot	N/A	N/A	N/A
V1000		N/A	1 slot	1 slot	1 slot
V100, 200		N/A	2 slots	9 slots	8 slots

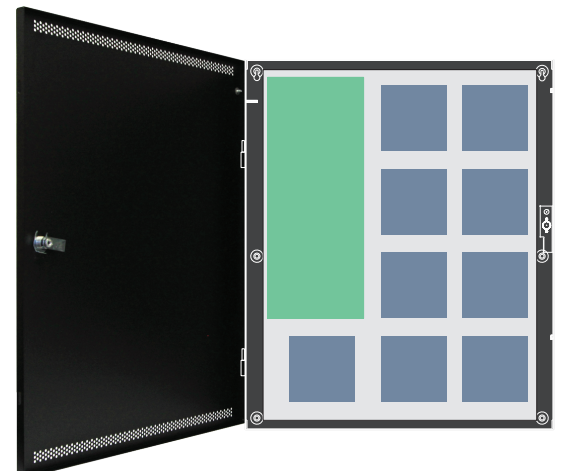
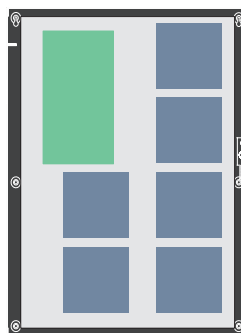
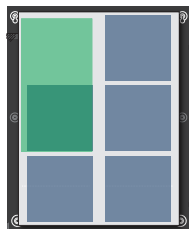
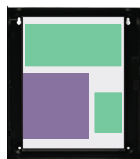
The maximum number of VertX modules that can fit in a single voltage system

1 4 10 9

The maximum number of VertX modules that can fit in a dual voltage system

1 3 8 9

single voltage illustrations



PATTERN GUIDE

LSP PS & Accessory
V2000
V1000
V100
V200

Unified Power™ Model Number Builder



POWER SUPPLY

- 75** 6A/12VDC or 3A/24VDC
- 150** 12A/12VDC or 6A/24VDC
- 250** 20A/12VDC or 10A/24VDC

ACCESSORY OPTIONS

- B100** Secondary voltage, 5-18VDC @ 4A
- C4** Lock control distribution, 4 out
- C8** Lock control distribution, 8 out
- D8** Auxiliary distribution, 8 out
- F8** FAI distribution, 8 out
- M8** Managed distribution, 8 out (needs NL4)
- NL2** Two port network module
- NL4** Four port network module

For Class 2 power limited add "P" to pn:
 C4P, C8P, D8P, F8P, M8P

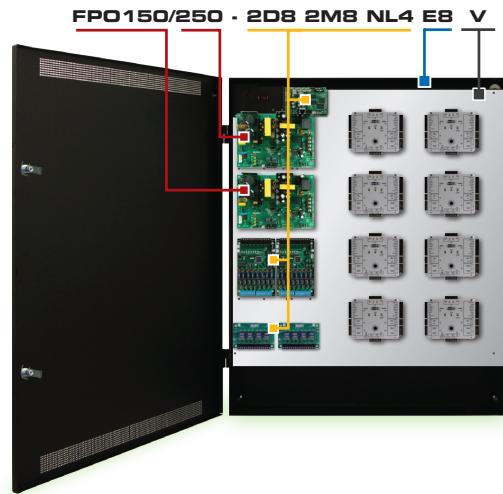
ENCLOSURE

- E1** 14H" x 12W" x 4.5D"
- E2** 20H" x 16W" x 4.5D"
- E4** 24H" x 20W" x 4.5D"
- E5** 8.5H" x 11W" x 3.0D"
- E6** 30H" x 23W" x 6.5D"
- E8** 36H" x 30W" x 4.5D"

ACCESS PLATE

- A** AMAG
- B** BRIVO
- H** HONEYWELL
- M** MERCURY
- P** PAXTON
- S** SOFTWARE HOUSE
- V1** HID VERTX

"I" DOOR MOUNT KITS
 E4x1 - Mercury, HID
 E6x1 - All
 E8x1 - Mercury, Brivo
 Honeywell, SWH
 E8M2 - extended Mercury b/p



PART NUMBER KEY

Desired FPO power supply is inserted into the model number as "FPOxxx"

Multiple supplies are entered with a slash between variants i.e. FPO75/150

Multiples of the same accessory module are preceded by the quantity:

D8 = one D8 module for 8 outputs

3D8 = three D8 modules for 24 outputs

EXAMPLE

FPO75/150 - 2D8 2M8 NL4 E8A

FPO75 - 75W power supply

FPO150 - 150W power supply

2 (two) D8 modules for 16 auxiliary outputs

2 (two) M8 modules for 16 managed outputs

4 port network module (NL4)

E8V - 36x30 enclosure with VERTX Backplate

