HID Unified Power®
Integrated Power Systems

HID Unified Power Systems combine system power, lock power and distribution alongside HID Global™ VertX or Aero Series access hardware in one compact and secure UL Listed solution. Solutions are available from 2 to 16 doors, in single or dual voltage, standard or network managed.

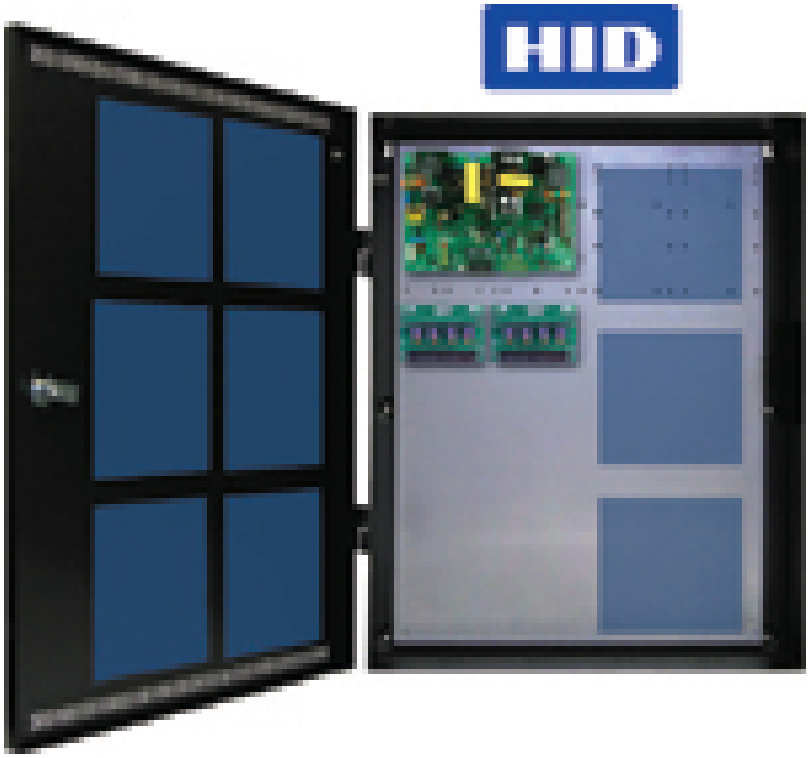
Unified Power Features

- Single enclosure solution reduces wall space requirements
- Single AC drop
- Removable backplate for easy installation
- Predrilled & tapped holes for access panel mounting
- Mounting hardware included
- Single or dual voltage, standard or network managed

Also available in ProWire Prewired and Gemini Rack Mount configurations!

Need help selecting a product? Try our Product Selector !

DV: Dual Voltage (12 and 24V)
SV: Single Voltage (12 or 24V)



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[tab title="Products"] 2 Door Unified Type

DV Standard [FPO75-B100C4E1V](#) 2A/12V and 2A/24V 4 Lock

SV Standard	FPO75-D8E1V	6A/12V or 3A/24V	8 Aux

4 Door Unified	Type	Model	Power
DV Standard	FPO75-B100C4D8E2V	2A/12V and 2A/24V	4 Lo
DV Managed	FPO75-B100M8NL4E4V	2A/12V and 2A/24V	8 Man
SV Standard	FPO75-D8E2V	6A/12V or 3A/24V	8 Aux

8 Door Unified	Type	Model	Power
DV Standard	FPO150-B100C8D8E4V1	4A/12V and 4A/24	

8

DV Managed	FPO150-B100D8M8NL4E4V1	4A/12V and 4A/2
SV Standard	FPO75-D8E4V	6A/12V or 3A/24V 8 Aux

16 Door Unified	Type	Model	Power
DV Standard		FPO75/250-2C82D8E4V1	6A/12V and 10A/2 16
DV Standard		FPO150/250-2C82D8E8V	12A/12V and 10A/24 16 L
DV Managed		FPO150/250-2D82M8NL4E8V	12A/12V and 10A

SV Standard	FPO150-2D8E4V1	12A/12V or 6A/24V	6 Aux

HID Enclosures	Doors	Model	Dimen
2		E1V	14H x 12W x 4.5D
2-4		E2V	20H x 16W x 4.5D
4-8		E4V	24H x 20W x 6.5D
8-16		E4V1	24H x 20W x 6.5D
4-8		E6V	30H x 23W x 6.5D
8-16		E6V1	30H x 23W x 6.5D
8-16		E8V	36H x 30W x 6.5D

[/tab] [tab title="Overview"] **PRODUCT HIGHLITES**

VCLASS unified power systems offers 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 controllers in one compact, secure system.

To prevent damage to system electronics, the backplate seperates 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 ties and checkout.

Features

- Removable back plate simplifies job installation
- Engineered backplate pattern minimizes installation time
- Power boards mount on snap-in stand offs
- Access boards mount on supplied threaded metal standoffs

Mechanical refinements

- Large enclosure depth to accommodate battery
- 19 Gauge steel with textured black finish
- Board mounting hardware provided
- Lock and tamper switch standard

Reliability and Safety

- Lifetime Warranty
- RoHS Compliant

Agency Listings

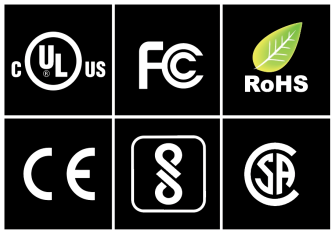
- • UL294 / UL603 / UL1076 / ULC S319 • CSA C22.2 #107.1 • FCC Part 15, Subpart B

• IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014

• EN6100-3-3:2013, EN55024:2010 +A1:2015

• CE, UKCA, BIS IS13252(Part1):2010, NOM 001:2018, RCM, SAA

• CSFM Approved, ROHS 3 Lead Free



Product Warranty

[/tab] [tab title="Technical Documents"]

VERTX Standard Power

Single Voltage	Datasheet	Install Manual	CAD Files

FPO75-D8E1V	DS	IM	CAD	AG
FPO75-D8E2V	DS	IM	CAD	AG

FPO75-D8E4V	DS	IM	CAD	AG
FPO150-2D8E4V1	DS	IM	CAD	AG
Dual Voltage	Datasheet		Install Manual	CAD Files

FPO75-B100C4E8V	DS	IM	CAD	AG
FPO75-B100C4D8E2V	DS	IM	CAD	AG
FPO150-B100C8D8E4V1	DS	IM	CAD	AG
FPO75/250-2C8D8E4V1	DS	IM	CAD	AG
FPO150/250-2C8D8E8V	DS	IM	CAD	AG
VERTX Managed Power				
Dual Voltage	Datasheet		Install Manual	CAD Files

FPO75-B100M8N4E4V	DS	IM	CAD	AG
FPO150-B100D8M8N4E4V1	DS	IM	CAD	AG
FPO150/250-2D8M8N4E8V	DS	IM	CAD	AG
VERTX Enclosures				
E2V	DS		CAD	
E4V	DS		CAD	
E4V1*	DS		CAD	
E8V	DS		CAD	

[/tab] [tab title="Support"]

Troubleshooting Guide Factory Contact Business Contact

FPO Troubleshooting Email Customer Service Accounting Office

Accessory Troubleshooting Email Technical Department
Area Sales Representatives

[/tab] [tab title="Tools & Software"] **Tools & Software**

Excel spreadsheets designed by the LifeSafety Power technical department to aid the installer in required calculations and example configurations of LifeSafety Power equipment when used in commonly found system applications.

Calculators / Software
B100 Power Calculator
PowerCom-USB Download
Ohms Law Calculator
Battery Size Calculator
Battery Capacity Calculator
Wire Size Calculator
Voltage Drop Calculator
FlexCalculator Suite

Application Notes
AN26_Distribution options
AN13_VertX Power

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