

Overview

VCLASS™ Unified Power Solutions are engineered to house FlexPower® power modules alongside HID VERTX™ or Aero™ access hardware in one compact, secure solution.

This unit is a 400W 12V and 24V DC dual voltage managed access power system.

Two M8 managed modules provide sixteen access managed inputs capable of voltage or dry contact activation, and sixteen outputs programmable for failsafe / fail-secure operation at either 12 or 24 VDC and managed by the integrated fire alarm interface circuit on the FPO. Two D8 modules provide sixteen auxiliary outputs and each output is configurable for 12 or 24VDC operation.

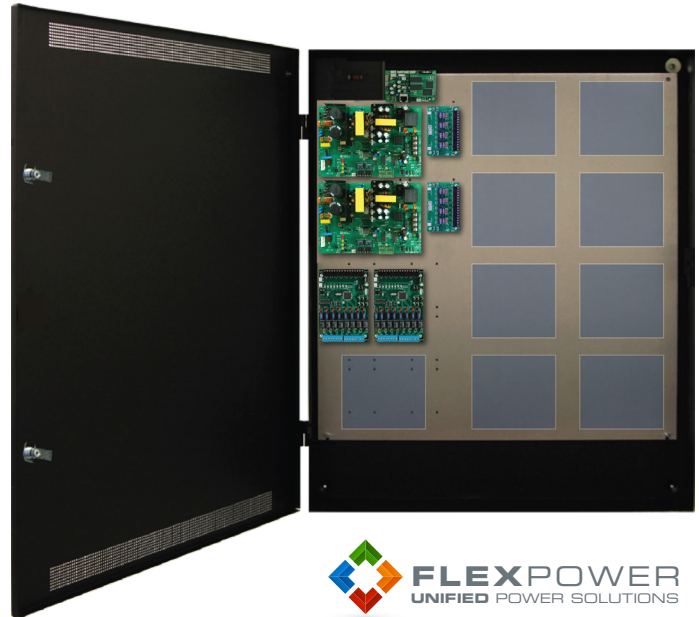
VCLASS enclosures are painted steel with removable backplate and include lock, two (2) keys and tamper switch.

System Features

- ◆ **FPO offline power supply**
 - 120 or 230 VAC input
 - 12 and 24 VDC outputs
 - On board Fire Alarm Interface
 - Continuous and resettable DC
- ◆ **Distributed outputs**
 - Sixteen auxiliary, fused at 3A each
 - Sixteen managed, fused at 3A each
- ◆ **Remote Monitoring & Managed**
 - Live voltage / current rep
 - Live voltage / current reporting
 - Remote battery load testing
 - Output power cycling and abnormal operation alert
 - System / AC fault reporting
- ◆ **Lifetime Warranty**

Enclosure Features

- ◆ **Labor saving design**
 - Pre-wired power section
 - Pre-punched knockouts
 - Removeable backplate simplifies installs
 - Pre-defined hole pattern for power section
 - Access panels mount on threaded standoffs - no drilling required
- ◆ **Additional benefits**
 - Wire management room
 - 6.5" enclosure depth fits battery set
 - Tamper switch, lock, dual key set standard
 - Mounting hardware for access boards included



Ordering

FP0150/250-2D82M8NL4E8V

Description

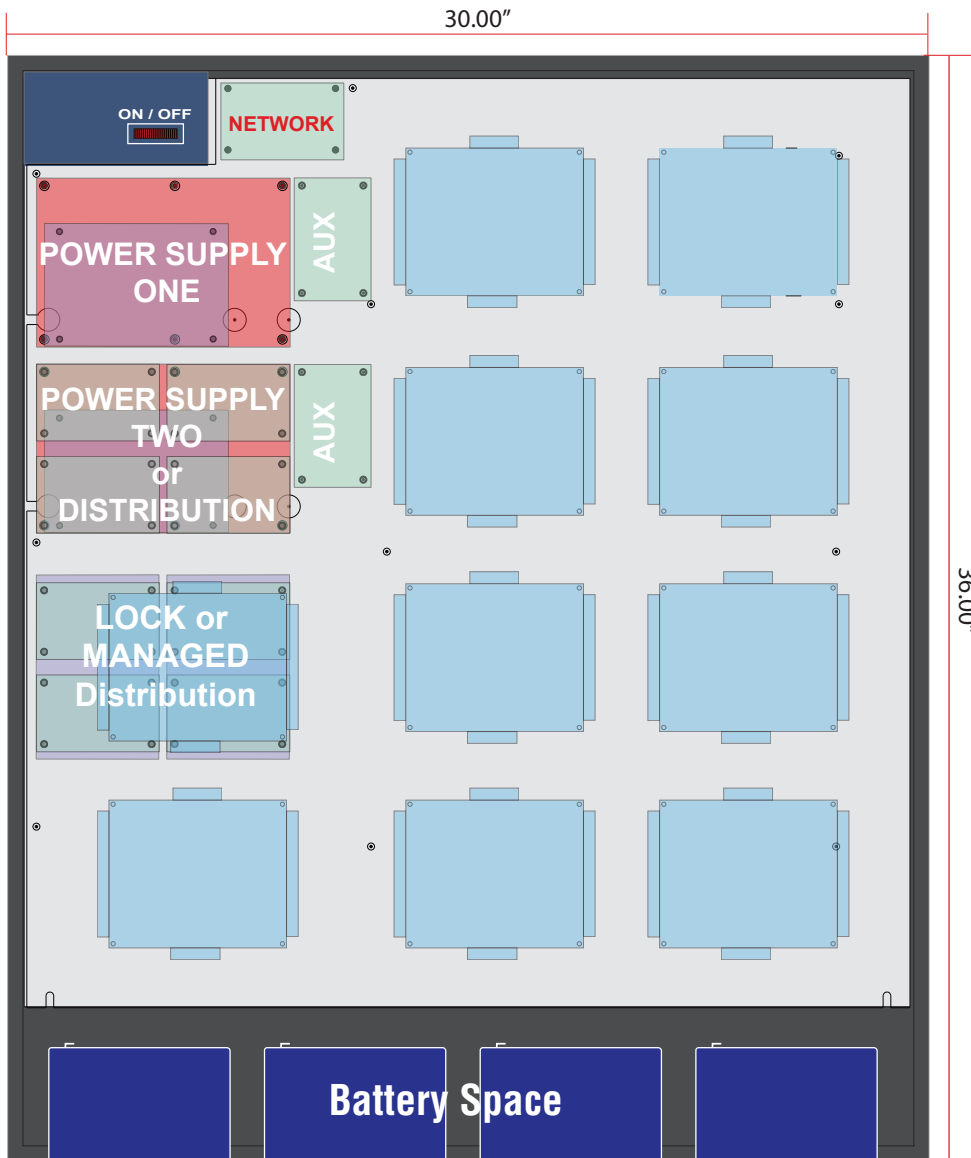
400W (12V & 24V) 16 managed/aux outputs, VCLASS encl.



Specifications

Input Power	Input 120/230 VAC 50/60 Hz 452 Watts Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	FP0150: 12V/12A or 24V/6A 150 Watts FP0250: 12V/20A or 24V/10A 250 Watts Outputs: Continuous (DC1) Resettable (DC2) 16 managed control outputs, fused at 3A each 16 auxiliary outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 87% System BTU Rating: 175 BTU/Hr
Battery Charging	Independent built-in 2A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Charges up to 80Ah battery sets within UL limit Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision	AC Fail (form "C" contacts) System Fault (form "C" contacts) may be triggered by low/no battery, short to earth ground, power supply failure or blown fuse
Visual Indicators	AC input, DC1 and DC2 output System fault AC fault Short to earth ground Reverse battery polarity Fire Alarm Input activated D8: DC outputs M8: DC inputs, outputs and fault
Regulatory Compliance (LSP equipment)	UL294, UL603, UL1076 ULC S318, ULC S319, CSA C22.2 #107.1, CSA C22.2 #60950 CE CSFM Approved FCC Part 15, Subpart B
Physical Dimensions	Enclosure: 36.00H x 30.00W x 6.50D in. (91.00 x 76.00 x 16.50 cm)
Mounting Pattern For	VERTX or Aero Modules

VCLASS backplate board mounting pattern



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Specifications subject to change without notice.

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