

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 75W dual voltage 12V and 24V DC access power system.

A C4 lock control module provide four access control inputs capable of voltage or dry contact activation, and four outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the integrated fire alarm interface circuit on the FPO.

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**
 - Four lock outputs, fused at 3A each (two fused or locks, two for auxiliary equipment)
- ◆ **Remote Monitoring & Control Option (requires NetLink module)**
 - 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 FlexPower section
 - Pre-formed knockouts
 - Removeable backplate simplifies install
 - Pre-defined hole pattern for power section
 - Access panels mount in predefined area with included standoffs - no drilling required
- ◆ **Additional benefits**
 - 4.5" enclosure depth fits batteries
 - All voltages backed up by 24V battery set
 - Wire management room
 - Tamper switch, lock, dual key set standard



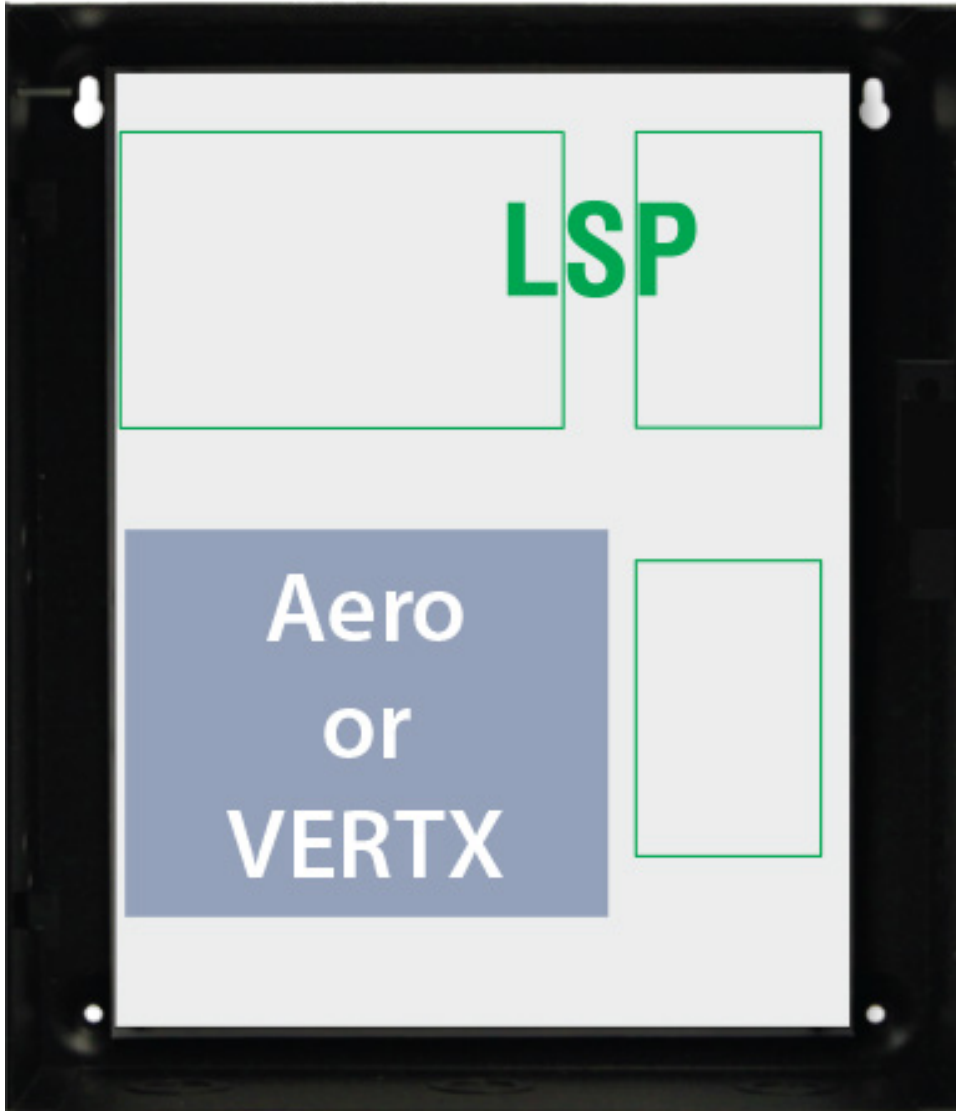
Ordering	Description
FP075-B100C4E1V	75W (12V & 24V) 2 lock, 2 auxiliary outputs, VCLASS enclosure



Specifications

Input Power	Input 120/230 VAC 50/60 Hz 83 Watts (0.69A) Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	FP075: 12V/6A or 24V/3A 75 Watts Outputs: Continuous (DC1) Resettable (DC2) 4 lock outputs, fused at 3A each 120 mV output voltage ripple System Efficiency: 83% System BTU Rating: 33 BTU/Hr
Battery Charging	Independent built-in 1A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision	AC Fail (form "C" contacts) System fail (form "C" contacts) may be triggered by low/no battery, short to earth ground and power supply failure
Visual Indicators	AC input, DC1 and DC2 output System fault AC fault Short to earth ground Reverse battery polarity Fire Alarm Input activated B100: DC input, output and Fault C4: DC input, output 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: 14.00H x 12.00W x 4.50D in. (35.00 x 30.00 x 11.50 cm)
Mounting Pattern For	VERTX or Aero Modules

E1V backplate mounting pattern for power and access boards



lifesafetypower.com

(888) 577-2898
info@lifesafetypower.com

Specifications subject to change without notice.

© 2022 LifeSafety Power. All rights reserved. LifeSafety Power and FlexPower are registered trademarks of LifeSafety Power. All other trademarks and copyrights are the property of their respective owners.
P01-658A 07/22

LifeSafety Power
10027 S. 51st Street, Suite 102
Phoenix, AZ 85044 USA