

Overview

PCLASS™ Unified Power Systems combine FlexPower® power modules alongside Paxton Access hardware in one compact, secure enclosure.

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

For access or lock power, four D8 modules provide thirty two fused outputs rated at 3A per output, each individually programmable for 12 or 24VDC.

PCLASS 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
- ◆ **Power Distribution**
 - Thirty two fused at 3A each
- ◆ **Expansion options**
 - Increased power, multiple voltages
 - Additional distribution outputs
 - Network monitoring and reporting
- ◆ **Lifetime Warranty**

Enclosure Features

- ◆ **Engineered NET2 backplate**
 - Pattern fits twelve (12) controllers
- ◆ **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	Description
FP0150/250-4D8E8P	400W (12V & 24V) 32 Auxiliary Outputs, PCLASS system

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) 32 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
Regulatory Compliance (LSP Equipment)	UL294, UL603, UL1076 ULC S318, ULC S319, CSA C22.2 #107.1, CSA C22.2 #60950 CE FCC Part 15, Subpart B CSFM Approved
Physical Dimensions	Enclosure: 36.00H x 30.00W x 6.50D in. (91.00 x 76.00 x 11.50 cm)
Access Panel Mounting	(12) NET2 controllers (can double stack controller for higher door counts)



Paxton Access Mounting Guide



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 for panduit or tie wrap
- ◆ **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

Paxton Access	Available Slots in Dual Voltage
NET2*	12*
*Stack for higher door counts	

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Specifications subject to change without notice.

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