LifeSafetyPower®

Vantage Series **FPV104-R8E1**

Smart Access Power System
10 Amps @ 24VDC
FAI / Network Ready | UL/CUL | CE
Eight (8) Lock Control Relay Outputs

VANTAGE™



PN ORDERING

FPV104-R8PE1 Class II Power Limited Outputs
FPV104-R8E1 Fused Outputs

For CE model add "-E" to end of model number (i.e. FPV104-R8E1-E)

FEATURES

Fire Alarm Disconnect
- Latching or non-latching, is individually selectable for each output

Fire Alarm Disconnect input options
- Normally open, normally closed, open collector sink, positive or negative voltage application, NAC loop, short circuit and thermal overload protection

Battery Backup
- Built in fast charger at 1.5A current
- Autoswitch to battery with zero voltage drop
- Low power cutoff to prevent battery deep discharge
- Reverse battery protection

Visual Indicators
- FPV - Green LEDs for AC input and DC output status. Red LED shows FAI triggered
- R8 - Red LED relay active. OutSmart BiColor LED shows output Voltage (Green/12V, Blue/24V)

Agency Approvals
- UL294, UL603, UL1076
- ULC S318, S319, CSA C22.2#107.1, CSA 22.2 #60950
- ROHS Leadfree | CE Approved

POWER SUPPLY OVERVIEW

Vantage smart power supply/chargers offer unique performance and value with these standard features:

- **Built in Fire Alarm disconnect** on a per output basis
- **Low battery cutoff** protects batteries from deep discharge
- **Dedicated fast charger** prolongs battery life
- **Enhanced surge immunity** for input/output protection
- **Locksafe™** tight regulation provides longterm lock protection
- **OutSmart™** Visual LED notification (12V/Green, 24V/Blue)
- **Dual outputs** main and auxiliary rated 1.5A continuous
- **Network ready** with optional Netlink™ module
  - Monitor ac line voltage & other parameters in NetLink dashboard
  - Remote test batteries
- **Lifetime Warranty** LifeSafety Power's quality commitment

SYSTEM SPECIFICATIONS

Input
- 120VAC or 208/230VAC, 50/60Hz
- 5.70 Amps maximum

Outputs
- 10A @ 12V
- Main output continuous
- Auxiliary 1.5 Amp output Class II power limited
- Overload & short circuit protection with auto-restart

Supervision
- AC fail, Battery fail, System fault (form "C")
- Low power shutdown when battery voltage too low

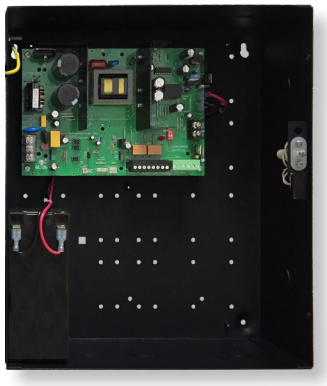
POWER DISTRIBUTION

Eight Access Control System Outputs:
- Normally Open or Open Collector Input
- Programmable failsafe or failsecure Outputs
- Form "C" 5 Amp relay contacts
- Output ratings:
  - (R8P) 2.5A power limited
  - (R8) 3A fused

ELECTRICAL RATINGS

Parameter	Rating
Input Voltage	120/208/230 VAC, 50/60Hz
Input Current (max)	5.70 Amps
Main Output	10Amps @ 24V
Aux Output	1.5A Class II Power Limited
Maximum Charge Current	1.50 Amps
Low Power Disconnect	at 70% of battery voltage
System BTU/Hr	92
Operating Temperature	-4 to +122F (-20 to +50C)
Efficiency	91% 120VAC 60Hz In, Full Load
Enclosure	14H" x 12W" x 4.5D" | 15.50lbs (7kg)

Other FPV104 configurations



FPV104-E1 (Standard Power)

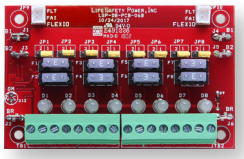
- Network ready power supply/charger
- Locksafe™ regulated lock output voltage
- Dedicated fast charger / Low battery cutoff
- Output select: continuous or failsafe on fire alarm
- Auxiliary output 1.5A class 2 power limited
- Enclosure compatible with LSP accessory modules
- Lockset standard, tamper switch option



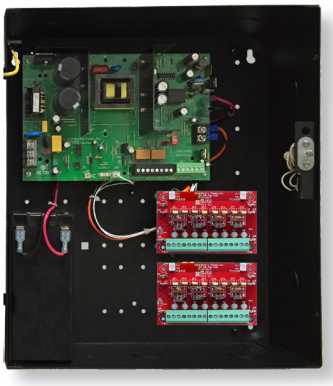
FPV104-D8E1 (8 Aux Outputs)

All FPV standard power features plus:

- 8 (D8) auxilary outputs



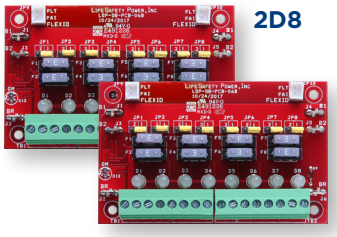
D8



FPV104-2D8E1 (16 Aux Outputs)

All FPV standard power features plus:

- 16 (2D8) auxilary outputs

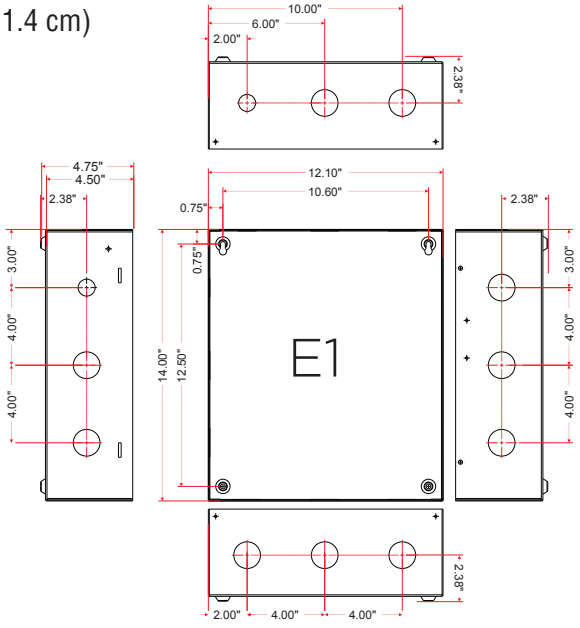


2D8

ENCLOSURE DIMENSIONS

14"H x 12"W x 4.5"D (35.6 x 30.5 x 11.4 cm)

- **Includes lock set**
- For tamper switch, order pn: **A05-304**



LifeSafetyPower.com

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Specifications subject to change without notice.

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