

FPV Series FPV104-2R8E2

Smart Access Power System
10 Amps @ 24VDC
FAI / Network Ready | UL/CUL | CE
Sixteen (16) Lock Control Relay Outputs

FLEXPOWER VANTAGE POWER SUPPLY OVERVIEW

FPV 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
- 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
- 5.7 Amps maximum

Outputs

- 10A @ 24V
- 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:

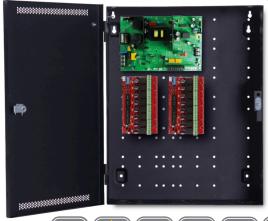
- Normally Open or Open Collector Input
- Programmable failsafe or failsecure Outputs
- Form "C" 5 Amp relay contacts
- Output ratings:
 - (R8P) 2.5A power limited
 - (R8) 3A fused

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 Curren	t 1.5 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	20H" x 16W" x 4.5D" 20lbs

MITAGE





















FPV104-2R8PE2 Class II Power Limited Outputs FPV104-2R8E2 Fused Outputs

For CE model add "-E" to end of model number (i.e. FPV104-2R8E2-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

Other FPV102 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



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FPV104-2D8E1 (16 Aux Outputs)

All FPV standard power features plus:

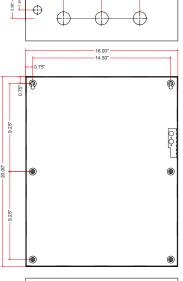
• 16 (2D8) auxilary outputs

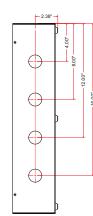


ENCLOSURE DIMENSIONS

20"H x 16"W x 4.5"D

• Includes lock set





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Specifications subject to change without notice.

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