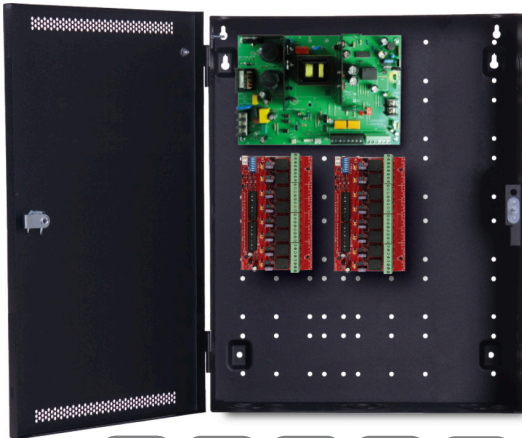


# VANTAGE™



## PN ORDERING

**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

## 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 Current	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

