

VANTAGE™



ELECTRICAL RATINGS

Parameter	Rating
Input Voltage	120 / 208 / 230VAC 50/60Hz
Input Current (max)	5.70 Amps
Main Output	10 Amps at 24V DC
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
Dimensions / Weight	8.25L" x 5.5W" x 2.5H" 2.00 lbs

Agency Approvals:

- UL294, UL603, UL1076
- ULC S318, S319
- CSA C22.2#107.1
- CSA 22.2 #60950
- CE, BIS, UKCA, RCM, SAA
- ROHS Leadfree



OVERVIEW

FlexPower Vantage smart power supply/chargers offer enhanced performance with these standard features:

- **120/230VAC input** cut jumper for 230VAC
- **Built in Fire Alarm disconnect** on a per output basis
- **Low battery cutoff** protects batteries from deep discharge
- **Dedicated fast charger** prolongs battery life
- **Outsmart™** Bicolor output LED (12V/Green, 24V/Blue)
- **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

MODELS

FPV104 120VAC Input

FPV104/E 208/230VAC input

SPECIFICATIONS

Input

- 120/208/230VAC, 50/60Hz
- 5.70 amp maximum

Outputs

- 10A @ 24VDC
- Main output continuous or switched on FAI Input
- Auxiliary 1.5 Amp output Class II power limited
- Overload & short circuit protection with auto-restart

Battery Backup:

- Built-in 1.5 Amp Fast Charger
- Instant auto-switch to battery on AC loss
- Zero transfer time when switching to battery power

Supervision:

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

Fire Alarm Disconnect Activation:

- DC voltage: 9 to 33VDC, 3 to 15mA
- Dry contact NO/NC
- Optional Fire Alarm latching

Visual indicators:

- AC On, DC output, Fire Alarm activation

Vantage Series FPV104 Smart Power Supply/Charger Board

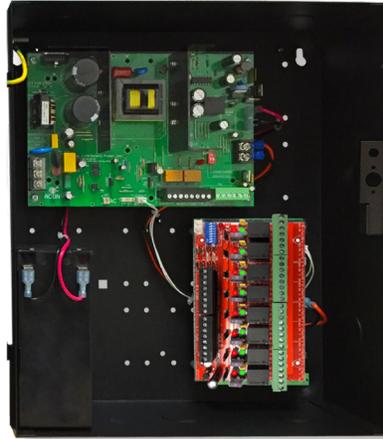
10 Amps @ 24VDC | FAI | Network Ready | Multi-Output | UL/CUL/CE

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-R8E1 (Access)

- All Standard Power features plus
- Eight (8) lock outputs with trigger inputs and fire alarm control. Each output selectable for continuous, failsafe or failsecure
- Relay isolation

R8



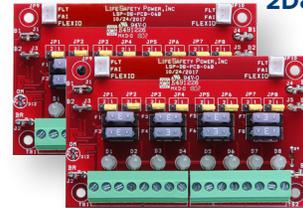
FPV104-D8E1 (Multi-Output)

- All FPV standard power features plus:
- 8 (D8) auxiliary outputs
- 16 (2D8) auxiliary outputs

D8



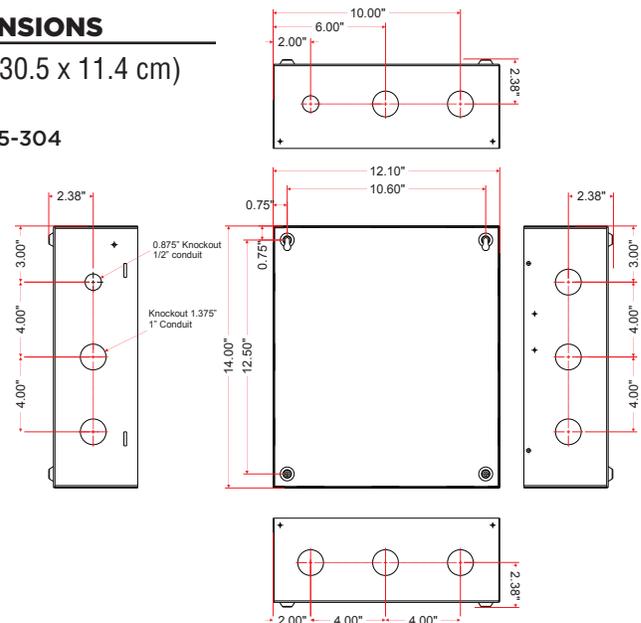
2D8



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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