

VANTAGE™



FPV104-D8E1 example



Model Numbers	Amps	Outputs	Fuse	PTC	Description
FPV104-E1	10A	2	3A		Small E1 enclosure
FPV104-E2	10A	2	3A		Large E2 enclosure
FPV104-D8E1	10A	8	3A		8 Auxiliary / E1
FPV104-D8E2	10A	8	3A		8 Auxiliary / E2
FPV104-D8PE1	10A	8		2.5A	8 Auxiliary Class II / E1
FPV104-D8PE2	10A	8		2.5A	8 Auxiliary Class II / E2

For CE model add "-E" to end of model number (i.e. FPV104-E1-E)

Enclosure	Dimensions	Weight
E1	14H" x 12W" x 4.5D"	15.50 lbs (7kg)
E2	20H" x 16W" x 4.5D"	20.00 lbs (9kg)

Agency Approvals

USA	UL294, UL603, UL1076
Canada	ULC S318, S319 CSA C22.2#107.1, CSA 22.2 #60950
Interntl	CE, BIS, UKCA, RCM
Other	FCC Class B, ROHS Leadfree

FLEXPPOWER 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
- **OutSmart™** Bicolor output LED (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 | 5.7 Amps maximum

Output: 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: Autoswitch to battery with zero voltage drop

- Built in fast charger at 1.5 A charge current
- Low power cutoff to prevent battery deep discharge
- Reverse battery protection

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

Enclosure:

- Accommodates up to two (2) 24VDC/7AH batteries
- Includes battery leads and lock set

Typical Models:

- **FPV104-E1** main and auxiliary outputs
- **FPV104-D8E1** eight (8) Individually protected outputs

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

Other FPV104 configurations

see datasheet *FPV104-R8E1*



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



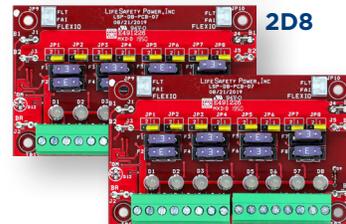
FPV104-D8E1 (Multi-Output)

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

D8



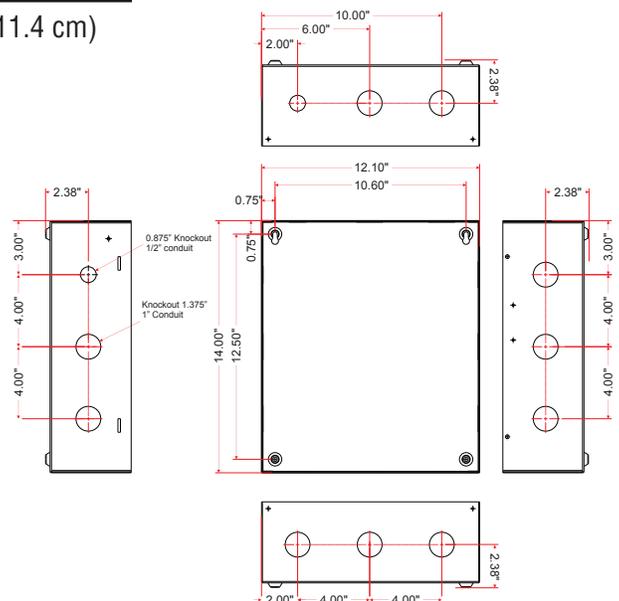
2D8



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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