

# VANTAGE™



FPV102-D8E1 example



Model Numbers	Amps	Outputs	Fuse	PTC	Description
FPV102-E1	10A	2	3A		Small E1 enclosure
FPV102-E2	10A	2	3A		Large E2 enclosure
FPV102-D8E1	10A	8	3A		8 Auxiliary / E1
FPV102-D8E2	10A	8	3A		8 Auxiliary / E2
FPV102-D8PE1	10A	8		2.5A	8 Auxiliary Class II / E1
FPV102-D8PE2	10A	8		2.5A	8 Auxiliary Class II / E2

For CE model add "-E" to end of model number (i.e. FPV102-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
Internt'l	CE, BIS, UKCA, RCM
Other	FCC Class B, ROHS Leadfree

## 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
- **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 | 3 Amps maximum

**Output:** 10A @ 12VDC

- 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) 12VDC/7AH batteries
- Includes battery leads and lock set

**Typical Models:**

- **FPV102-E1** main and auxiliary outputs
- **FPV102-D8E1** eight (8) Individually protected outputs

## ELECTRICAL RATINGS

Parameter	Rating
Input Voltage	120/208/230 VAC, 50/60Hz
Input Current (max)	3 Amps
Main Output	10 Amps @ 12 VDC
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	55
Operating Temperature	-4 to +122F (-20 to +50C)
Efficiency	89% 120VAC 60Hz In, Full Load

**Other FPV102 configurations**

see datasheet *FPV102-R8E1*



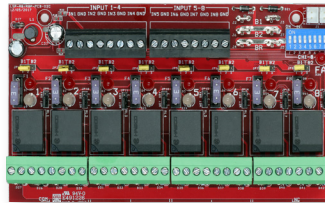
**FPV102-E1 (Standard Power)**

- 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

**FPV102-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

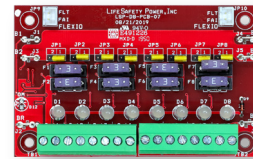
**R8**



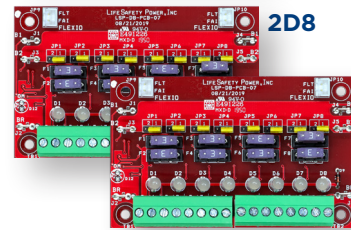
**FPV102-D8E1 (Multi-Output)**

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

**D8**



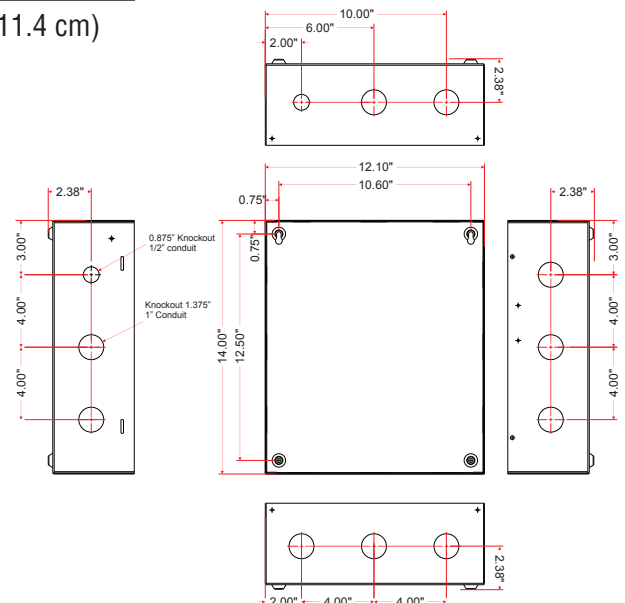
**2D8**



**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](http://LifeSafetyPower.com)

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