

Vantage DC Power Systems

Single voltage low-cost DC power supplies available exclusively through distribution.
[product overview](#)



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	PS/Enclosure	Voltage	Current	Outputs
FPV4-E1	12 or 24V	4A/3A	Single	14 x 1
FPV6-E1	12 or 24V	6A	Single	14 x 12
FPV102-E1	12V	10A	Single	14 x 1
FPV104-E1	24V	10A	Single	14 x 1
	8 Lock Outputs	Voltage	Current	Outputs
FPV4-R8E1	12 or 24V	4A/3A	8 Lock	14 x
FPV6-R8E1	12 or 24V	6A	8 Lock	14 x
FPV102-R8E1	12V	10A	8 Lock	14
FPV104-R8E1	24V	10A	8 Lock	14

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8 Aux Outputs	Voltage	Current	Outputs
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FPV4-D8E1	12 or 24V	4A/3A	8 Aux	14 x
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FPV6-D8E1	12 or 24V	6A	8 Aux	14 x
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FPV102-D8E1	12V	10A	8 Aux	14
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FPV104-D8E1	24V	10A	8 Aux	14
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16 Aux Outputs	Voltage	Current	Outputs
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FPV6-2D8E1	12 or 24V	6A	16 Aux	14 x
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FPV102-2D8E1	12V	10A	16 Aux	14
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FPV104-2D8E1	24V	10A	16 Aux	14
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Boards	Description
FPV4	12V@4A or 24V@3A, 120 or 230VIN, FAI, 40AH Max Battery
FPV6	12V or 24V @ 6A, 120 or 230VIN, FAI, 80AH Max Battery
FPV102	12V @ 10A, 120 or 230VIN, FAI, 80AH Max Battery
FPV104	24V @ 10A, 120 or 230VIN, FAI, 80AH Max Battery
D8	Auxiliary Output board, 8 fused outputs @ 3A each, Dual Buss
R8	Lock Output board, 8 NO inputs, 8 Form C outputs @ 3A each, FAI, Dual Buss

[/tab] [tab title="Overview"]

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

- **120/230VAC input** for global operation
- **Built in Fire Alarm disconnect** on a per output basis (R8 models)

- **Locksafe™** runs locks 30% cooler
- **Low battery cutoff** protects batteries from deep discharge
- **Dedicated fast charger** prolongs battery life
- **Bi-Color LEDs** visually confirm 12 or 24V output setting
- **Enhanced surge immunity** for input/output protection
- **Network ready** with optional Netlink™ module
 - Monitor ac line voltage & other parameters in NetLink dashboard
 - Remote test batteries / cycle outputs through any IP connection
- **Lifetime Warranty**
 - LifeSafety Power's quality and reliability commitment

Quick Cross Guide

Single Output			
FPV4-E1	AL400ULX	EFLOW4N	AQD5
FPV6-E1	AL600ULX	EFLOW6N	AQD6
FPV102-E1	AL1012ULX	EFLOW102N	AQU128
FPV104-E1	AL1024ULX	EFLOW104N	AQM20
8 Lock Outputs			
FPV4-R8E1	AL400ULACM	EFLOW4NA8	AQD5-8F8R
FPV6-R8E1	AL600ULACM	EFLOW6NA8	AQD6-8F8R
FPV102-R8E1	AL1012ULACM	EFLOW102NA8	AQU128-8F8R
FPV104-R8E1	AL1024ULACM	EFLOW104NA8	AQM20-8F8R

8 Aux Outputs			
FPV4-D8E1	AL400ULXPD8	EFLOW4N8	AQD5-8F
FPV6-D8E1	AL600ULXPD8	EFLOW6N8	AQD6-8F
FPV102-D8E1	AL1012ULXPD8	EFLOW102N8	AQU128-8F
FPV104-D8E1	AL1024ULXPD8	EFLOW104N8	AQM20-8F
16 Aux Outputs			
FPV6-2D8E1	AL600ULXPD16	EFLOW6N8	AQD6-8F
FPV102-2D8E1	AL1012ULXPD16	EFLOW102N16	AQU128-16F
FPV104-2D8E1	AL1024ULXPD16	EFLOW104N16	AQM20-16F

[/tab] [tab title="Technical Documents"]

PS/ Enclosure	Datasheet	Install Manual	CAD Files
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FPV4-E1	DS	IM	CAD	AG
FPV6-E1	DS	IM	CAD	AG
FPV102-E1	DS	IM	CAD	AG
FPV104-E1	DS	IM	CAD	AG

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8 Lock Outputs	Datasheet	Install Manual	CAD Files
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FPV4-R8E1	DS	IM	CAD	AG
FPV6-R8E1	DS	IM	CAD	AG
FPV102-R8E1	DS	IM	CAD	AG
FPV104-R8E1	DS	IM	CAD	AG

8 Aux Outputs	Datasheet	Install Manual	CAD Files
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FPV4-D8E1	DS	IM	CAD	AG
FPV6-D8E1	DS	IM	CAD	AG
FPV102-D8E1	DS	IM	CAD	AG
FPV104-D8E1	DS	IM	CAD	AG

16 Aux Outputs	Datasheet	Install Manual	CAD Files
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FPV6-2D8E1	DS	IM	CAD	AG
FPV102-2D8E1	DS	IM	CAD	AG
FPV104-2D8E1	DS	IM	CAD	AG

Boards	Datasheet	Install Manual	CAD Files
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FPV6	DS	IM	CAD	AG
FPV102	DS	IM	CAD	AG
FPV104	DS	IM	CAD	AG
D8	DS	IM	CAD	AG
R8	DS	IM	CAD	AG

[/tab] [tab title="Support"]

Troubleshooting Guide

Factory Contact

Business Contact

[FPO Troubleshooting](#)

[Email Customer Service](#)

[Accounting Office](#)

[Accessory Troubleshooting](#)

[Email Technical Department](#)

[Area Sales Representatives](#)

[/tab] [tab title="Tools & Software"]

Tools & Software

Excel spreadsheets designed by the LifeSafety Power technical department to aid the installer in required calculations and example configurations of LifeSafety Power equipment when used in commonly found system applications.

Calculators / Software

[PowerCom-USB Download](#)

[Ohms Law Calculator](#)

[Battery Size Calculator](#)

[Battery Capacity Calculator](#)

[Wire Size Calculator](#)

[Voltage Drop Calculator](#)

[FlexCalculator Suite](#)

Application Notes

[AN07 Cost effective dual voltage systems](#)

[AN08 Dual buss distribution architecture](#)

[AN09 E2 cabinet battery guide](#)

[AN17 D8 single voltage](#)

[AN19 FlexPower buss structure](#)

[AN20 LSP Monitoring Guide](#)

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