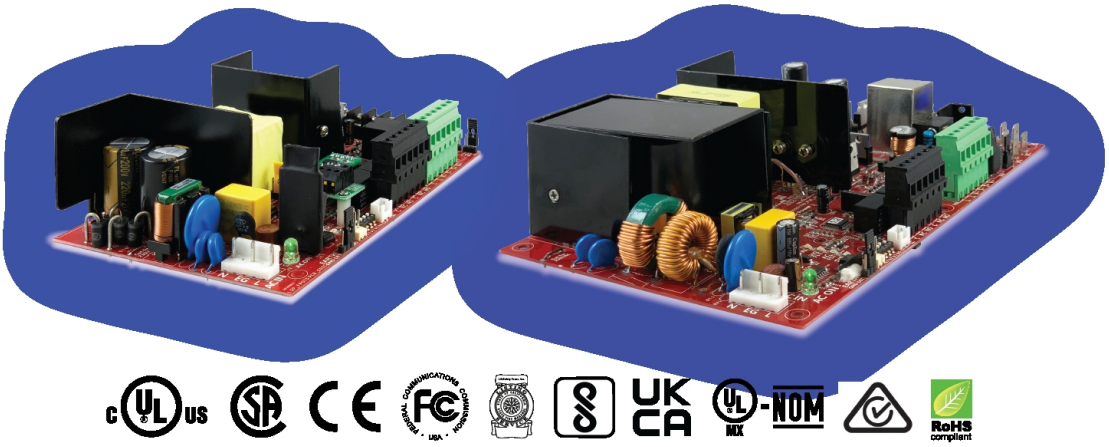
DC Power Supply / Charger Boards

LifeSafety Power has an expansive range of power supply boards for access control applications.



Lifetime Warranty

{jatabs type="content" position="top" width="1000" heightTabs="30" height="1600" mousetype="click" animType="animMoveHor" skipAnim="false" duration=1000 } [tab title="Products"]

FPO Series

The FPO Series is LifeSafety Power's flagship line of power supplies. Full-featured with US & International regulatory listings, the FPO Series is applicable in most applications. Note - All documents and information on this page are for Generation 2 FPO boards. Download the FPO Generation 1 document package HERE

120VAC Input	Datasheet	Order As	Input Voltage	Output
FPO75	FPO75-Boxed	120	6A/12V or 3A/24V	75W
FPO150	FPO150-Boxed	120	12A/12V or 6A/24V	150W

FPO250	FPO250-Boxed	120	20A/12V or 10A/24V	250W

Note - 120VAC models may be field set to 208/230 by cutting the voltage selection jumper. See m

208 / 230VAC Input	Datasheet	Order As	Input Voltage	Ou
FPO75/E	FPO75/E-Boxed	208/230	6A/12V or 3A/24V	75W
FPO150/E	FPO150/E-Boxed	208/230	12A/12V or 6A/24V	150W
FPO250/E	FPO250/E-Boxed	208/230	20A/12V or 10A/24V	250W

Note - 208/230VAC models have the voltage selection jumper precut at the factory and cannot be s

FPG Series

The FPG Series is LifeSafety Power's International line of power supplies. A universal input with power factor correction allows the FPG Series to to be used on any input voltage, including

100VAC Japan applications.

Universal Input - 100-240VAC	Datasheet	Order As	Input Voltage
FPG50	FPG50-Boxed	100-240VAC	2A/12V or 2A/24V	50W
FPG100	FPG100-Boxed	100-240VAC	8A/12V or 4A/24V	100W
FPG200	FPG200-Boxed	100-240VAC	8A/24V	200W

B100 Secondary Power Supply

The B100 adds an economical second voltage to a LifeSafety Power access power system. Two settings are available - 12V fixed output or 5-18V adjustable. The B100 accepts a low voltage DC input from a LifeSafety Power FPO, FPG, or FPV power supply output. The B100 output voltage is backed up by the battery set on the main power supply. Note - The B100 does not accept an AC input or charge batteries.

12V or 24VDC Input	Datasheet	Order As	Input Voltage	Ou

B100	B100-Boxed	12 or 24VDC	4A/12V or 4A/5-18V	-

[/tab] [tab title="More Information"]

FPO Series

• UL294 / UL603 / UL1076 / ULC S319 • CSA C22.2 #107.1 • FCC Part 15, Subpart B • IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014

• EN6100-3-3:2013, EN55024:2010 +A1:2015

• CE, UKCA, BIS IS13252(Part1):2010, NOM 001:2018, RCM, SAA

• CSFM Approved, ROHS 3 Lead Free

FPO75	DS	IM	CAD	AG
FPO150	DS	IM	CAD	AG
FPO250	DS	IM	CAD	AG
FPO75/E	DS	IM	CAD	AG
FPO150/E	DS	IM	CAD	AG
FPO250/E	DS	IM	CAD	AG

FPG Series

• FCC Part 15 Subpart B • IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014 • EN61000-3-3:2013, EN55024:2010 +A1:2015

• CE, UKCA, BIS IS13252(Part 1):2010, RCM, SAA

• PSE J62368-1(2020), PSE J55032(H29)

• ROHS 3 Lead Free

FPG50	DS	IM	CAD	AG
FPG100	DS	IM	CAD	AG
FPG200	DS	IM	CAD	AG

B100 Secondary Power Supply

• UL294 / UL603 / UL1076 • ULC S318 / S319 • FCC Part 15, Subpart B • CSA C22.2 #205 • CE, UKCA

B100	DS	IM	CAD	AG

[/tab]