



#### OVERVIEW

HID Unified Power Systems combine FlexPower power modules alongside access control hardware in one compact and secure UL listed solution. Unified Power features include:

- Built in Fire Alarm disconnect unlocks doors on a fire alarm
- Low battery cutoff protects batteries from deep discharge
- Dedicated fast charger prolongs battery life
- Enhanced surge immunity for input/output protection
- Locksafe optimized voltages provide long-term lock protection
- OutSmart Visual LED notification (12V/Green, 24V/Blue)
- Network ready with optional LifeSafety Power NetLink® module
  - Monitor power supply and battery in NetLink dashboard
  - Remote test batteries
- Lifetime Warranty LifeSafety Power's quality commitment

#### SYSTEM DETAILS

- **1 x FPG100** 100W Total Output, Universal Input, AC Fault and System Fault form C contacts may be triggered by low/no battery, short to earth ground, power supply failure, or blown fuse
- **2 x D8P (16 Auxiliary Outputs)** 2.5A Class 2 Power Limited Outputs, dual buss voltage selection by zone, OutSmart dual color LEDs
- **E8V Enclosure** Size: 36.0H x 30.0W x 6.5D in (91.44 x 76.20 x 16.51 cm)
  - **Enclosure E8** E8 enclosure size 36H x 30W x 6.5D
  - **Backplate E8V** Backplate mounting for VERTX or Aero controllers.
- **System Weight** 60.45 lbs (27.42kg)

#### ORDERING

FPG100-2D8PE8V

Universal VAC, 100W

#### AGENCY LISTINGS

US | Canada | Mexico | Europe | UK | India | Australia | New Zealand | RoHS



#### ELECTRICAL RATINGS

Parameter	Rating
Input Voltage	Universal Input, 100-240 VAC, 50/60Hz
Input Power (max)	153W
Output Power	100W
Auxiliary Outputs	16 @ 2.5A Class 2 Power Limited
Maximum Charge Current	FPG100: 1.1A, 40AH maximum
Low Power Disconnect	at 70% of battery voltage
Systems BTU/Hr	85 BTU/Hr
Operating Temperature	32 to 122F (0 to +50C)
Efficiency	81% 120VAC 60Hz In, Full Load
Agency Approvals	FCC Part 15, Subpart B IEC 62368-1:2014, EN 55032:2015, EN6100-3-2:2014, EN6100-3-3:2013, EN55024:2010+A1:2015, BIS IS13252(Part 1):2010, REACH 209, ROHS 3, RCM AS/NZS 4417.1, SAA AS/NZS 62368.1:2018, PSE J62368-1(2020), PSE J55032(H29)

#### LifeSafety Power

10027 S. 51st Street, Suite 102  
 Phoenix, AZ 85044 USA  
 (888) 577-2898  
 info1@lifesafetypower.com

#### Disclaimer:

This datasheet was generated programatically by LifeSafety Power's Online Product Generator on 03/20/2026. Because of this, it may be possible that the model depicted is not possible for LifeSafety Power to build. It is the responsibility of the viewer of this datasheet to confirm that the model depicted is within the limitations of the product line. Contact LifeSafety Power for confirmation of fitment or compatibility. Specifications subject to change without notice.