


**ELECTRICAL RATINGS**

Parameter	Rating
Input Voltage	120 VAC, 50/60Hz
Input Power (max)	282W
Output Power	250W
Relay Lock Outputs	16 @ 3A Fused
Auxiliary Outputs	24 @ 2.5A Class 2 Power Limited
Maximum Charge Current	FPO250: 2A, 80AH maximum
Low Power Disconnect	at 70% of battery voltage
Systems BTU/Hr	109 BTU/Hr
Operating Temperature	32 to 122F (0 to +50C)
Efficiency	87% 120VAC 60Hz In, Full Load
Agency Approvals	UL294, UL603, UL1076, ULC S318, ULC S319, CSA C22.2 #205, FCC Part 15, Subpart B, CSFM 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

**OVERVIEW**

Mercury ProWire Power Systems combine FlexPower modules alongside access control hardware in one compact and secure UL listed solution. ProWire systems are prewired for power to the access control modules, faults, tamper switch, lock control wiring (where applicable) and communication. ProWire 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 FPO250** 250W Total Output, 120 VAC 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 C8 (16 Relay Lock Outputs)** 3A fused outputs, programmable for failsafe/failsecure, FAI, NC/NO input, voltage or dry output per zone. Dual buss voltage selection by zone, OutSmart dual color LEDs
- **3 x D8P (24 Auxiliary Outputs)** 2.5A Class 2 Power Limited Outputs, dual buss voltage selection by zone, OutSmart dual color LEDs
- **E6M1/W16-C Enclosure** Size: 30.0H x 23.0W x 6.5D in (76.20 x 58.42 x 16.51 cm)
  - **Enclosure E6**
  - **Backplate E6M1**
  - **ProWire E6M1/W16-C** Prewired for 16 Doors, 8xMR52
  - **Routing Kit Tie-Wrap, E6M1**
- **LED Light Kit**
- **System Weight** 49.20 lbs (22.32kg)

**ORDERING**

FPO250-2C83D8PE6M1/T16-C

120 VAC, 250W, 16 Lock

**AGENCY LISTINGS**

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


**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 03/31/2025. 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.