


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-A 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-A** Prewired for 16 Doors, 1xLP1502, 7xMR52
 - **Routing Kit Tie-Wrap, E6M1**
- **LED Light Kit**
- **System Weight** 49.20 lbs (22.32kg)

ORDERING

FPO250-2C83D8PE6M1/T16-A

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.