


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

- **2 x FPO250** 500W 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
- **3 x D8P (24 Auxiliary Outputs)** 2.5A Class 2 Power Limited Outputs, dual buss voltage selection by zone, OutSmart dual color LEDs
- **5 x M8P (40 Managed Lock Outputs)** 2.5A Class 2 power limited outputs, programmable for failsafe/failsecure, remote power cycle, monitor voltage and current on each output, programmable limits, dual buss voltage selection by zone, cycle count by zone, bi-color output LEDs verify voltage setting
- **1 x NLX NetLink Module** Provides remote monitoring of power supply and battery set, remote battery testing, temperature monitoring, tamper switch monitoring, email/SNMP alerts on faults, RS485 port for Distributed Power Monitoring (DPM), compatible with MSM Multi-site Management software
- **E12M/W24-B Enclosure** Size: 48.0H x 36.0W x 8.5D in (121.92 x 91.44 x 21.59 cm)
 - **Enclosure E12** Enclosure with no backplate
 - **Backplate E12M** Backplate mounting for LP1502, LP4502, LP2500, MR52, MR16IN/OUT
 - **ProWire E12M/W24-B** Prewired for 24 Doors, 1xLP2500, 12xMR52
 - **Routing Kit Panduit, E12M**
- **LED Light Kit**
- **System Weight** 114.25 lbs (51.82kg)

ELECTRICAL RATINGS

| Parameter | Rating |
|------------------------|---|
| Input Voltage | 120 VAC, 50/60Hz |
| Input Power (max) | 564W |
| Output Power | 500W |
| Managed Lock Outputs | 40 @ 2.5A Class 2 Power Limited |
| 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 |

ORDERING

FPO250/250- 120 VAC, 500W
 3D8P5M8PNLXE12M/P24-B

AGENCY LISTINGS

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



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is within the limitations of the product line. Contact LifeSafety Power for confirmation of fitment or compatibility. Specifications subject to change without notice.