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

- **3 x FPO250** 750W 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
- **8 x M8P (64 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-A 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-A** Prewired for 24 Doors, 1xLP1502, 11xMR52
  - **Routing Kit Panduit, E12M**
- **LED Light Kit**
- **System Weight** 114.10 lbs (51.75kg)

ELECTRICAL RATINGS

Parameter	Rating
Input Voltage	120 VAC, 50/60Hz
Input Power (max)	846W
Output Power	750W
Managed Lock Outputs	64 @ 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

FPO250/250/250-8M8PNLXE12M/P24-A   120 VAC, 750W

AGENCY LISTINGS

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