


**ELECTRICAL RATINGS**

| Parameter              | Rating  |
|------------------------|---|
| Input Voltage          | 120 VAC, 50/60Hz  |
| Input Power (max)      | 452W  |
| Output Power           | 400W  |
| Managed Lock Outputs   | 16 @ 3A Fused   |
| Auxiliary Outputs      | 16 @ 3A Fused   |
| Maximum Charge Current | FP0150: 2A, 80AH maximum<br>FP0250: 2A, 80AH maximum  |
| Low Power Disconnect   | at 70% of battery voltage   |
| Systems BTU/Hr         | 175 BTU/Hr  |
| Operating Temperature  | 32 to 122F (0 to +50C)  |
| Efficiency             | 87% 120VAC 60Hz In, Full Load   |
| Agency Approvals       | UL294, UL603, UL1076, ULC<br>S318, ULC S319, CSA C22.2<br>#205, FCC Part 15, Subpart B,<br>CSFM IEC 62368-1:2014, EN<br>55032:2015, EN6100-3-2:2014,<br>EN6100-3-3:2013,<br>EN55024:2010+A1:2015, BIS<br>IS13252(Part 1):2010, REACH<br>209, ROHS 3 |

**OVERVIEW**

Mercury 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 FP0150, 1 x FP0250** 400W 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 D8 (16 Auxiliary Outputs)** 3A fused Outputs, dual buss voltage selection by zone, OutSmart dual color LEDs
- **2 x M8 (16 Managed Lock Outputs)** 3A fused 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 NL4 NetLink Module** Provides remote monitoring of power supply and battery set, remote battery testing, temperature monitoring, tamper switch monitoring, email/SNMP alerts on faults, compatible with MSM Enterprise
- **E8M 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 E8M** Backplate mounting for LP1502, LP4502, LP2500, MR52, MR16IN/OUT
- **System Weight** 63.85 lbs (28.96kg)

**ORDERING**

|                         |                                   |
|-------------------------|-----------------------------------|
| FP0150/250-2D82M8NL4E8M | 120 VAC, 400W, 16 Managed, 16 Aux |
|-------------------------|-----------------------------------|

**AGENCY LISTINGS**

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


**LifeSafety Power**

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