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

- **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
- **6 x M8P (48 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 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
- **System Weight** 114.10 lbs (51.75kg)

ELECTRICAL RATINGS

Parameter	Rating
Input Voltage	120 VAC, 50/60Hz
Input Power (max)	564W
Output Power	500W
Managed Lock Outputs	48 @ 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

FPO250/250-6M8PNLXE12M

120 VAC, 500W

AGENCY LISTINGS

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

Disclaimer:

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