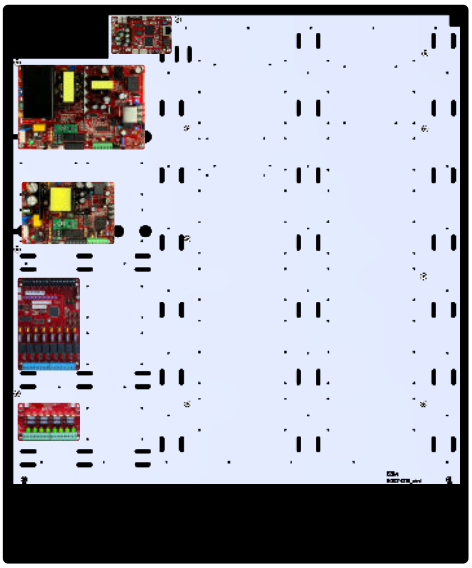
FPO75/150-D8M8NL4E8M
Mercury Unified Power Systems
225W Dual Voltage, 120 VAC
8 Managed Lock Outputs
8 Auxiliary Outputs



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 FPO75, 1 x FPO150** 225W 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
- **1 x D8 (8 Auxiliary Outputs)** 3A fused Outputs, dual buss voltage selection by zone, OutSmart dual color LEDs
- **1 x M8 (8 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** 63.00 lbs (28.58kg)

ELECTRICAL RATINGS

Parameter	Rating
Input Voltage	120 VAC, 50/60Hz
Input Power (max)	253W
Output Power	225W
Managed Lock Outputs	8 @ 3A Fused
Auxiliary Outputs	8 @ 3A Fused
Maximum Charge Current	FPO75: 1A, 40AH maximum FPO150: 2A, 80AH maximum
Low Power Disconnect	at 70% of battery voltage
Systems BTU/Hr	99 BTU/Hr
Operating Temperature	32 to 122F (0 to +50C)
Efficiency	86% 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

FPO75/150-D8M8NL4E8M	120 VAC, 225W, 8 Managed, 8 Aux

AGENCY LISTINGS

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

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