FPO250/250/250-3M8NLC2SD16E12M

Mercury Unified Power Systems
750W Dual Voltage, 120 VAC
24 Managed Lock Outputs
32 Managed 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

- **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
- **3 x M8 (24 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 NLC NetLink Module** Provides scalable remote management of power supply and battery set, locks (with M8), auxiliary devices (with SD), remote battery testing, temperature monitoring, tamper switch monitoring, email/SNMP alerts on faults, compatible with MSM Enterprise
- **2 x SD16 (32 Managed Auxiliary Outputs)** 1A Class II Power limited outputs, remote power cycle, monitor voltage and current on each output, programmable limits, dual buss voltage selection by zone, cycle count by zone, bi-color LEDs verify voltage setting
- **E12M Enclosure** Size: 48.0H x 36.0W x 8.0D in (121.92 x 91.44 x 20.32 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)	846W
Output Power	750W
Managed Lock Outputs	24 @ 3A Fused
Managed Auxiliary Outputs	32 @ 3A Fused
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, EN 55032:2015, EN6100-3-3:2013, BIS IS13252(Part 1):2010, REACH 209, ROHS 3

ORDERING

FPO250/250/250-3M8NLC2SD16E12M	120 VAC, 750W, 24 Managed

AGENCY LISTINGS

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