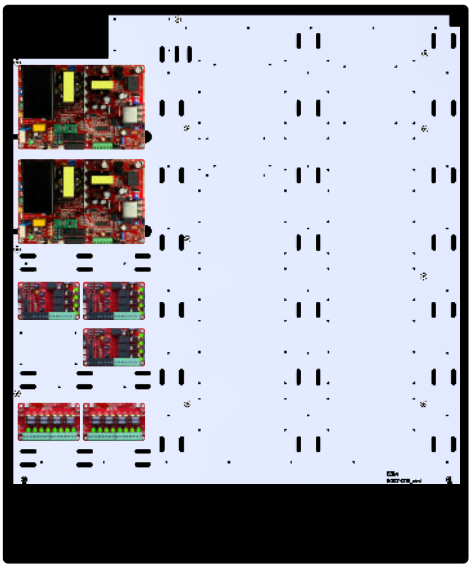
FPO150/250-3C42D8E8M

Mercury Unified Power Systems
400W Dual Voltage, 120 VAC
12 Relay Lock Outputs
16 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 FPO150, 1 x FPO250** 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
- **3 x C4 (12 Relay Lock Outputs)** 3A fused outputs, programmable for failsafe/failsecure, FAI, NC/NO input, voltage or dry output per zone. Dual buss voltage selection by zone, OutSmart dual color LEDs
- **2 x D8 (16 Auxiliary Outputs)** 3A fused Outputs, dual buss voltage selection by zone, OutSmart dual color LEDs
- **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)

ELECTRICAL RATINGS

Parameter	Rating
Input Voltage	120 VAC, 50/60Hz
Input Power (max)	452W
Output Power	400W
Relay Lock Outputs	12 @ 3A Fused
Auxiliary Outputs	16 @ 3A Fused
Maximum Charge Current	FPO150: 2A, 80AH maximum FPO250: 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 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

FPO150/250-3C42D8E8M	120 VAC, 400W, 12 Lock, 16 Aux

AGENCY LISTINGS

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

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