

# MERIT SERIES POWER SEQUENCER

Merit M-8S Power Sequencer is the perfect low-cost AC power solution for any rack mount system. Install an M-8S in your rack, and the eight outlets in the rear panel will power up in sequence and protect all your equipment up to a 15-amp load.

## Merit M-8S Power Sequencer



**POWER SEQUENCING**  
Prevents excessive inrush currents.



**NOISE FILTRATION**  
Noise filtering to reduce radio frequency and electromagnetic interference.



**SURGE PROTECTION**  
ensures equipment stays safe.



**9 OUTLETS**  
Eight rear panel outlets and one front panel convenience panel outlet.



**15 AMP RATING** with circuit breaker.



**INDICATOR LEDs** for Outlet Banks, Protection OK and Power Status.



**SPACING** for various plugs/transformers.

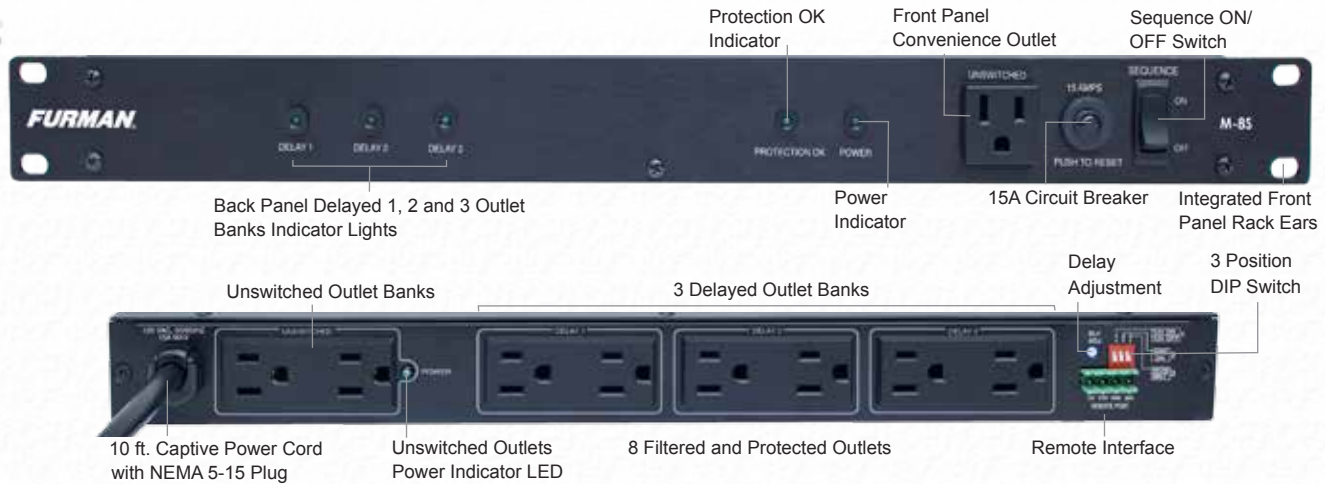


### M-8S Features:

- Standard level AC protection and filtering.
- Six sequenced rear panel outlets (in 3 groups), two unswitched rear panel outlets, and one front panel unswitched outlet.
- Momentary and Maintained sequencing via rear panel terminal block or front panel switch (momentary only).
- All settings and configurations available on rear panel.
- 15 amp rating.
- Three year limited warranty.

**FURMAN**

## FRONT and BACK PANEL FEATURES



## SPECIFICATIONS

### Maximum AC Current Rating:

- 15 Amps, 120 VAC (Thermal breaker)
- AC Cord: 14AWGx3, 10 feet, black, fixed, NEMA 5-15P plug

### AC Receptacles:

- Convenience Outlet (Front Panel)  
1 Un-switched NEMA 15-5R
- Rear Panel Outlets: 2 Unswitched NEMA 5-15R (1 duplex),  
6 Sequenced NEMA 5-15R (3 duplexes, each controlled by separate relay)

### Surge Protection:

- Standard level AC Surge Protection: Merit Class (sacrificial)
- Spike Protection Mode: Line to neutral, zero ground leakage
- Max Continuous Operating Voltage: 130V RMS
- Max Clamp Voltage: 500 Volts Peak
- Peak Impulse Current: 12,000 Amps
- Energy Rating (2 X 820µS): 225 Joules

### AC Filtering:

- Standard level Pi LCR Filter
- Noise Attenuation: >26dB, 100 Khz to 1 MHz

### Operating Temperature Range:

- 5C (40F) to 40C (105F) degrees

### Humidity Range:

- <90% rH (Relative Humidity)

### User Interface:

- Rocker Switch: Front panel, Sequence (ON, OFF)
- Thermal Circuit Breaker: Front panel, push to reset
- Front panel indicators Delay 1, Delay 2, Delay 3, Power, Protection OK

### Control/Status/Triggering (Rear Panel):

- Rear Panel DIP Switches: 12V Mode On/Off, GND Mode On, Momentary/Maintained
- Potentiometer: Rear panel, time calibration fine tune delay adjust
- Remote Terminal: +5-30VDC In, 12VDC (12mA) Out
- Remote Terminal: Phoenix type 4-Pin Connector with Screw terminals; +12V, STAT, REM, GND (Class 2 Wiring)

Size: 19.00"L x 8.75" x 1.75"H (L,D,H) – ANSI 1RU

Weight: 7 lbs.

Power Consumption (No Load): • 5 Watts

Safety Agency:

- C/CSA/US



Specifications are subject to change without notice due to design improvements and upgrades.

### WEIGHTS, DIMENSIONS AND UPC CODES

MODEL	PRODUCT DIMENSIONS	WEIGHT	CARTON DIMENSIONS	WEIGHT	SINGLE UNIT UPC	MASTER PACK QTY	MASTER PACK UPC
M-8S	19"L x 8.75"D x 1.75"H	7 lbs	22"L x 9.25"D x 3.5"H	8 lbs	654061041078	6	50654061041073

**FURMAN** [www.furmansound.com](http://www.furmansound.com)

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