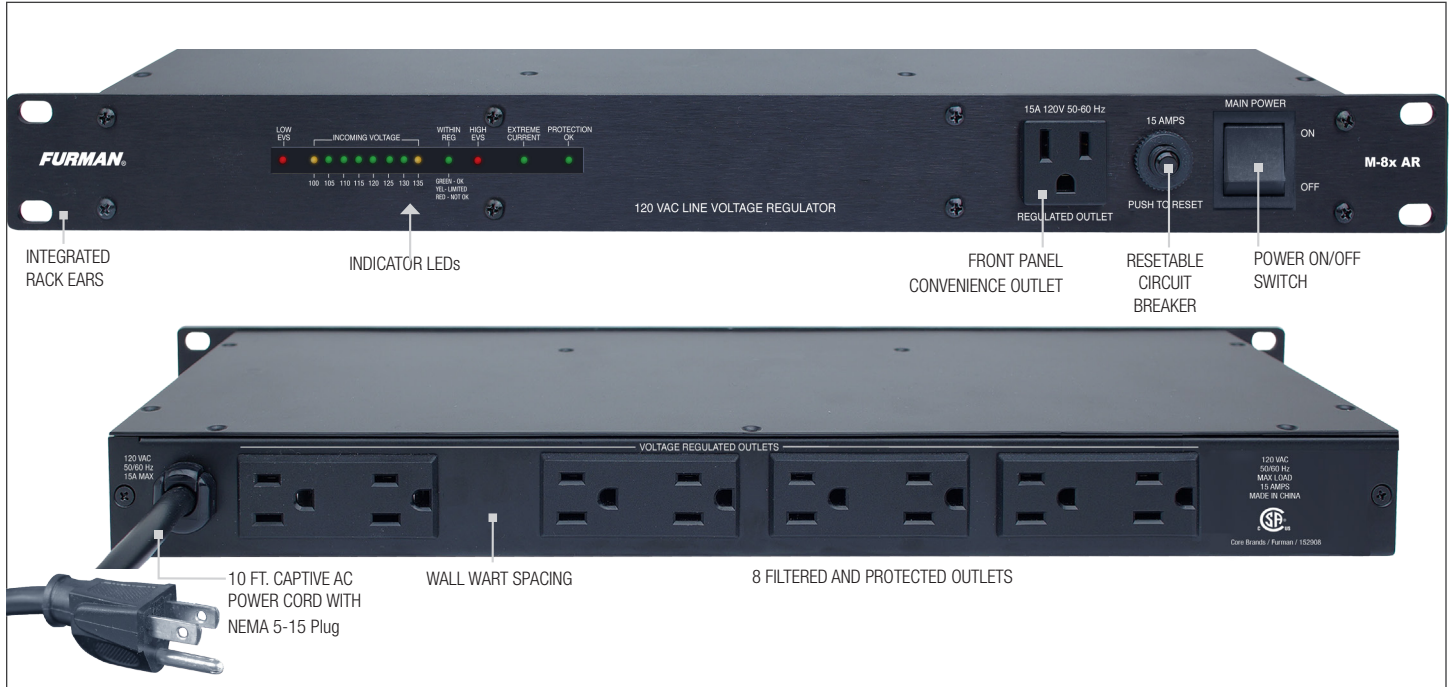
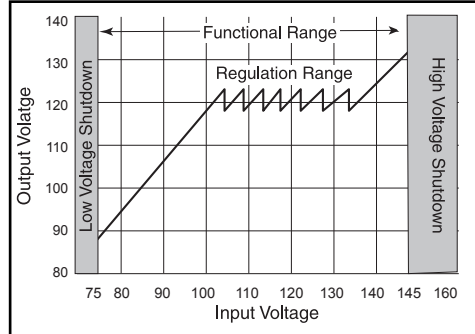
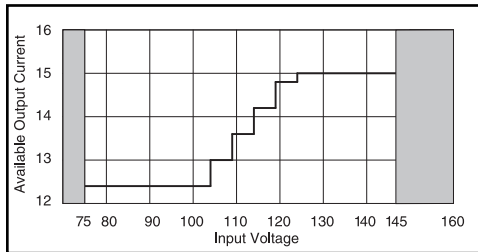


M-8x AR Merit Series 15 Amp Voltage Regulator

Front and Rear Panel



The M-8x AR can accept input voltages over a wide range and convert this to a steady, stable 120VAC +/- 5V output (see tables below).



Specifications

Nominal input voltage	120 VAC 50/60Hz	Spike Protection Modes	L-N
Regulation capture range	97 VAC to 141 VAC	Spike Clamping Voltage	TVSS rating of 400 volts peak at 500 A, L-N (tested to UL-1449 3rd Ed.)
Output Voltage	120 VAC ±5V	Response time	1 nanosecond
Output Current Rating	15 Amps for input voltages of 124V	Maximum surge current	15,000 Amps
Output Current De-rating	113 mA per volt to a minimum of 12.3A at 100V	Maximum spike energy	225 joules
Voltage Shutdown Range	Less than 75V or greater than 145V	Noise attenuation	Transverse: -16dB @ 10KHz, -33dB @ 100 kHz, -48dB @ 400KHz
ECS Shutdown Range	Within 10 cycles at 100A, and within 1 cycle for currents greater than 200A	Safety Listing	cCSAus
Voltmeter Accuracy	±5 VAC	EMI	FCC Part 15 Class B

Specifications subject to change due to product upgrades and improvements.

Dimensions and Weight

	Measurements	Weights	Qty.	UPC
Product:	1.75" H x 19" W x 11" D	15.75 lb.	1	
Individual Box:	3.5" H x 22" W x 14.25" D	17 lb.	1	654061-041146

Warranty - 3 Year Limited

See actual warranty for details.

FURMAN

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