

# Line Conditioner / AVR System

Automatic voltage regulator / Power conditioner / AC surge suppressor



## Model #: LCR2400

- ▶ Premium automatic voltage regulation (AVR), power conditioning and AC surge suppression
- ▶ Maintains regulated 120V nominal output over an input range of 89 to 147V
- ▶ 3U 19 inch rackmount form factor
- ▶ 2400 watt / 20 amp capacity with 14 NEMA 5-15R outlets, 12 foot AC cord
- ▶ LEDs display incoming voltage range
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## DESCRIPTION

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2400 watt Automatic Voltage Regulation (AVR) system in convenient 3U 19 inch rackmount configuration. Protects sensitive electronics, computer accessories and home theater equipment from power-related damage and performance problems. Extends the useful life of connected equipment by providing optimum voltage conditions for enhanced efficiency and cooler internal operating temperatures. Reliable transformer-based voltage correction circuits maintain 120V nominal output during voltage fluctuations between 89 and 147V. Three levels of voltage stabilization offer targeted response for overvoltages, undervoltages and severe brownouts. Prevents equipment damage and power related performance problems for computer accessories, printers, home theater equipment, a/v components and other sensitive electronic devices. Network-grade AC surge and EMI/RFI noise suppression. Supports loads up to 2400 watts, 20A. Includes 14 AC outlets arranged in two separately filtered banks, 12 ft AC line cord and 7 diagnostic LEDs which display incoming voltage level, surge suppression and line status.

## KEY BUYING POINTS

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- Maintains usable 120V (+10%/-12%) nominal output over an input range of 89 to 147V
- Protects sensitive electronics, computer accessories and home theater equipment from power-related damage and performance problems
- Extends the useful life of connected equipment by providing optimum voltage conditions for enhanced efficiency and cooler internal operating temperatures
- Convenient 19 inch rackmount format installs in any 2 or 4 post equipment rack using 3 rack spaces (3U)
- Three levels of voltage stabilization offer targeted response to overvoltages, undervoltages and severe brownouts
- Input voltages over 128V are reduced by 9.6%
- Input voltages between 103 and 112V are boosted by 8.9%
- Input voltages below 102V are boosted by 18.8%
- 2400 watts output power rating supports 120V loads up to 20 amps
- Network grade AC surge suppression
- Premium EMI/RFI noise filtering prevents equipment interaction, system interference, lockups and other power-related audio and video artifacts
- 7 diagnostic LEDs indicate input voltage levels, surge suppression and line status
- 14 protected NEMA 5-15R outlets
- Two built-in isolated filter banks prevent noise interaction between connected devices
- Black color outlets offer basic filtering, white color outlets offer enhanced filtering for the most sensitive connected devices
- 12 foot AC power cord with NEMA5-15P input plug
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## TYPICAL APPLICATIONS

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- Maintains regulated output voltage during severe brownouts and overvoltages for computer accessories, printers, home theater equipment, a/v components, sound reinforcement, point-of-sale equipment, and other applications requiring clean, regulated AC

power.

## PACKAGE INCLUDES

- LCR2400 Line Conditioner
- Instruction manual

## COMPLETE SPECIFICATIONS

OUTPUT	
Output watt capacity (watts):	2400
Output volt amp capacity (VA):	2400
Output nominal voltage:	120V / 60Hz
Outlet quantity / type:	14 NEMA5-15R (2 front, 12 rear)
INPUT	
Input cord length (ft.):	12.00
Input cord length (m):	5.40
LEDS ALARMS & SWITCHES	
Front panel LEDs:	7 diagnostic LEDs indicate input voltage levels, surge suppression and line status
SURGE / NOISE SUPPRESSION	
AC surge suppression:	1440 joules
EMI / RFI AC noise suppression:	75 dB
PHYSICAL	
Unit Dimensions (HWD/in):	5.25 x 19 x 7.75
Unit Dimensions (HWD/cm):	13.3 x 48.3 x 19.7
Form factors supported:	Standard 19 inch rack mount format using 3 rack spaces (3U)
Material of construction:	Steel
Shipping weight (lbs):	21.4
Shipping weight (kg):	9.7
WARRANTY	
Product warranty:	2 years
SPECIAL FEATURES	
Additional Information:	

*The policy of Tripp Lite is one of continuous improvement.  
Specifications are subject to change without notice.  
Therefore, your product may vary slightly from what is currently listed.*



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