2400W 120V 3U Rack-Mount Power Conditioner with Automatic Voltage Regulation (AVR), AC Surge Protection, 14 Outlets

MODEL NUMBER: **LCR2400**

Description

The LCR2400 2400W 120V Power Conditioner adjusts under- and overvoltages to provide safe, computer-grade AC power that meets ANSI C84.1 specifications. Built-in automatic voltage regulation (AVR) offers three levels of voltage stabilization that correct undervoltages as low as 89V and overvoltages as high as 147V back to regulated 120V nominal power. Providing optimum voltage conditions not only extends the life of your equipment, but also keeps your equipment working through brownouts and prolonged overvoltage conditions.

A network-grade 1440-joule surge suppression rating exceeds the IEEE-587 standard for surge suppression (both categories A and B) and prevents even the strongest spikes from inflicting damage, data loss or corruption and audio/video performance problems on your connected equipment. EMI/RFI noise filtering protects your AC line from disruptive electromagnetic and radio interference.

Just connect the space-saving NEMA 5-15P right-angle plug with 12-foot cord to an AC power source, and plug up to 14 devices into the NEMA 5-15R outlets. The outlets are arranged in two isolated filter banks, which use Tripp Lite's exclusive Isobar® technology to prevent mutual interference from causing audio/video distortion, computer lockups or data errors. Front-panel diagnostic LEDs indicate AC power, incoming voltage level and AC line status. The LCR2400 mounts in 3U of standard 19-inch rack space using the included hardware.

Features

Protects Valuable Electronics

- Rated at 2400W/20A
- Ideal for audio/video components, computer accessories, point-of-sale equipment and sound reinforcement systems
- Connect up to 14 electronic devices to the NEMA 5-15R outlets: 2 in front and 12 in the rear
- 12 ft. cord with NEMA 5-15P right-angle plug for easier connection in tight spaces
- Mounts comfortably into 3U of 2- or 4-post rack configurations using included hardware

Automatic Voltage Regulation (AVR)

- Monitors incoming AC power and keeps equipment working through brownouts and prolonged overvoltage conditions
- Corrects undervoltages as low as 89V and overvoltages up to 147V

AC Line Surge Suppression

- 1440 joules of network-grade surge suppression protects against potentially harmful power surges and spikes
- Includes full normal (H-N) and common (N-G/H-G) line surge suppression

EMI/RFI Line Noise Filtering

- Removes electromagnetic and radio frequency interference that can disrupt or damage your equipment's performance

Exclusive Isolated Filter Banks

- Outlets arranged in dual isolated filter banks with Tripp Lite's exclusive Isobar filter bank technology
- Prevents connected devices from interfering with one another and causing audio/video distortion, computer lockups and data errors

Built-In Diagnostics

- Front-panel LEDs indicate AC power, incoming voltage level and line status
- Front on/off switch provides one-touch power control over all components

Specifications

OUTPUT	
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(14) 5-15R
Output (Watts)	2400

INPUT	
Input Cord Length (ft.)	12
Input Cord Length (m)	5.40

USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	5 LEDs show incoming voltage status.

SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	1440 joules
EMI / RFI AC Noise Suppression	80 dB

PHYSICAL	
Shipping Weight (lbs.)	20.3
Shipping Weight (kg)	9.2
Unit Dimensions (hwd / in.)	5.25 x 19 x 7.75
Unit Dimensions (hwd / cm)	13.34 x 48.26 x 19.7
Material of Construction	Steel
Form Factors Supported	Standard 19 inch rack mount format using 3 rack spaces (3U).

WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$25,000 Ultimate Lifetime Insurance