1000 Eaton Boulevard
Cleveland, OH 44122
United States

2400W 120V Power Conditioner with Automatic Voltage Regulation (AVR), AC Surge Protection, 6 Outlets

MODEL NUMBER: **LC2400**







Maintains usable 120V nominal output to sensitive electronics during severe brownouts and overvoltages. Prevents surges and spikes from damaging circuitry. Filters out potentially disruptive line noise.

Highlights

- Ideal for computers, routers, modems and home theater components
- Corrects under- and overvoltages in 89V–147V range
- Protects against spikes with 1440 joules of surge suppression
- Monitors power status with front-panel diagnostic LEDs
- Features 6 outlets: 4 NEMA 5-15R and 2 NEMA 5-20R

Package Includes

- LC2400 2400W 120V Power Conditioner
- Owner’s Manual

Description

The LC2400 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 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 NEMA 5-15P plug with 6-ft. (1.83 m) cord to an AC power source, and plug up to six devices into the outlets. Four NEMA 5-15R and two NEMA 5-20R outlets accommodate a variety of connected components. You can monitor AC power, incoming voltage level and AC line status using the seven diagnostic LEDs on the front panel. The compact LC2400 fits comfortably into your computer or home theater setup.

Features

Protects Valuable Electronics Supports 120V 20A 2400W intermittently and 16A 1920W continuously when connected to a 120V 20A rated circuitSupports 120V 15A 1800W intermittently and 12A 1440W continuously when connected to a 120V 15A rated circuitIdeal for computers, routers, modems, printers, home theater components and point-of-sale equipmentConnect up to 6 electronic devices to the rear outlets: 4 NEMA 5-15R and 2 NEMA 5-20R6-ft. (1.83 m) cord with NEMA 5-15P plugCompact unit (7 in. high) fits comfortably into your computer or home theater setup

Automatic Voltage Regulation (AVR) Monitors incoming AC power and keeps equipment working through brownouts and prolonged overvoltage conditionsCorrects undervoltages as low as 89V and overvoltages up to 147V

AC Line Surge Suppression1440 joules of network-grade surge suppression protects against potentially harmful power surges and spikesIncludes full normal (H-N) and common (N-G/H-G) line surge suppression

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EMI/RFI Line Noise Filtering Removes electromagnetic and radio frequency interference that can disrupt or damage your equipment's performance

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

Specifications

OVERVIEW	
UPC Code	037332040060
INPUT	
Nominal Input Voltage(s) Supported	120V AC
Maximum Input Amps	20
Maximum Input Watts	2400
Plug Type	5-15P
Input Plug Features	Straight Plug
Input Frequency	60 Hz
Input Plug Type	NEMA 5-15P
Input Cord Details	Optional wireable 5-20P input plug is included for use with 120V 20A circuit applications
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Capacity Details	Supports 120V 20A 2400W intermittent and 16A 1920W continuously when connected to a 120V 20A rated circuit; Supports 120V 15A 1800W intermittent and 12A 1440W continuously when connected to a 120V 15A rated circuit
Frequency Compatibility	60 Hz
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(2) 5-15/20R; (4) 5-15R
Output Nominal Voltage	120V
VOLTAGE REGULATION	
Voltage Regulation Description	Maintains usable 120V nominal voltage during brownouts as low as 89VAC and over-voltages as high as 147VAC. Input voltages between 112V~127V are passed through unchanged.
Overvoltage Correction	Input voltages over 128V (+/-3V) are reduced by 10%
Undervoltage Correction	Input voltages between 111V (+/-3V) and 103V (+/-3V) are boosted by 9%.
Severe Undervoltage Correction	Input voltages below 102V (+/-3V) are boosted by 19%.
USER INTERFACE, ALERTS & CONTROLS	

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Front Panel LEDs	7 LEDs (Very High Voltage, High Voltage, Normal Voltage, Low Voltage, Very Low Voltage, Line Fault, Line OK)
SURGE / NOISE SUPPRESSION	
EMI / RFI AC Noise Suppression	80 dB
AC Suppression Joule Rating	1440
PHYSICAL	
Material of Construction	Plastic
Form Factors Supported	Small Tower
Housing Color	Black
Receptacle Color	Black
Shipping Dimensions (hwd / in.)	7.70 x 8.70 x 10.00
Shipping Dimensions (hwd / cm)	19.56 x 22.10 x 25.40
Shipping Weight (lbs.)	12.20
Shipping Weight (kg)	5.53
Unit Dimensions (hwd / in.)	7.000 x 6.000 x 9.500
Unit Dimensions (hwd / cm)	17.8 x 15.2 x 24.1
Unit Weight (lbs.)	11.2
Unit Weight (kg)	5.08
STANDARDS & COMPLIANCE	
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$25,000 Ultimate Lifetime Insurance

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