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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.

Description

The LC2400 2400W 120V Power Conditioner adjusts under- and overvoltages to provide safe, computergrade 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 ElectronicsSupports 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

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

Built-In DiagnosticsFront-panel LEDs indicate AC power, incoming voltage level and line statusRear

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 frontpanel diagnostic LEDs
- Features 6 outlets: 4 NEMA 5-15R and 2 NEMA 5-20R

Package Includes

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



on/off switch provides one-touch power control over all components

Specifications

OVERVIEW		
UPC Code	037332040060	
INPUT		
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	
Output (Watts)	2400	
Nominal Output Voltage(s) Supported	120V	
Output Receptacles	(2) 5-15/20R; (4) 5-15R	
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%	
Brownout Correction	Input voltages between 111V (+/-3V) and 103V (+/-3V) are boosted by 9%.	
Severe Brownout Correction	Input voltages below 102V (+/-3V) are boosted by 19%.	
USER INTERFACE, ALERTS & COM	NTROLS	
Front Panel LEDs	7 LEDs show incoming voltage status, protection present and line fault conditions	
SURGE / NOISE SUPPRESSION		
UPS AC Suppression Joule Rating	1440	
EMI / RFI AC Noise Suppression	80 dB	
PHYSICAL		
Form Factors Supported	Small Tower	
Material of Construction	Plastic	
Shipping Dimensions (hwd / cm)	19.56 x 22.10 x 25.40	



Shipping Dimensions (hwd / in.)	7.70 x 8.70 x 10.00	
Shipping Weight (kg)	5.53	
Shipping Weight (lbs.)	12.20	
Unit Dimensions (hwd / cm)	17.8 x 15.2 x 24.1	
Unit Dimensions (hwd / in.)	7 x 6 x 9.5	
WARRANTY		
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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