

1800W 120V Power Conditioner with Automatic Voltage Regulation (AVR), AC Surge Protection, 6 Outlets

MODEL NUMBER: LC1800



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 LC1800 1800W 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 7-foot cord to an AC power source, and plug up to six devices into the NEMA 5-15R rear outlets. You can monitor AC power, incoming voltage level and AC line status using the seven diagnostic LEDs on the front panel. The compact LC1800 fits comfortably into your computer or home theater setup.

Features

Protects Valuable Electronics Supports 120V 1800W 15A intermittent loads and up to 1440W 12A continuous output
Ideal for computers, routers, modems, printers, home theater components and point-of-sale equipment
Connect up to 6 electronic devices to the rear NEMA 5-15R outlets
7 ft. cord with NEMA 5-15P right-angle plug for easier connection in tight spaces
Compact 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

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 NEMA 5-15R rear outlets

Package Includes

- LC1800 1800W 120V Power Conditioner
- Owner's Manual



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

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

Specifications

OVERVIEW	
UPC Code	037332040039
OUTPUT	
Output (Watts)	1800
Output Capacity Details	Agency de-rated per NFPA 70 to 12A, 1440W continuous and up to 15A, 1800W intermittent
Nominal Output Voltage(s) Supported	120V
Output Receptacles	(6) 5-15R
INPUT	
Plug Type	Right-angle NEMA 5-15P input plug
Input Cord Length (ft.)	7
Input Cord Length (m)	2.13
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 & CONTROLS	
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	



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Form Factors Supported	Small Tower
Material of Construction	Plastic
Shipping Dimensions (hwd / cm)	19.56 x 21.84 x 25.91
Shipping Dimensions (hwd / in.)	7.70 x 8.60 x 10.20
Shipping Weight (kg)	4.54
Shipping Weight (lbs.)	10.00
Unit Dimensions (hwd / cm)	17.8 x 15.2 x 17.8
Unit Dimensions (hwd / in.)	7 x 6 x 7
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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