

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

MODEL NUMBER: LC1800



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

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-ft. (2.13 m) 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. (2.13 m) 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 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 |
| INPUT | |
| Nominal Input Voltage(s) Supported | 120V AC |
| Maximum Input Amps | 15 |
| Maximum Input Watts | 1800 |
| Plug Type | 5-15P |
| Input Plug Features | Right-Angled Plug |
| Input Frequency | 60 Hz |
| Input Plug Type | NEMA 5-15P |
| Input Cord Length (ft.) | 7 |
| Input Cord Length (m) | 2.13 |
| OUTPUT | |
| Output Capacity Details | Agency de-rated per NFPA 70 to 12A, 1440W continuous and up to 15A, 1800W intermittent |
| Frequency Compatibility | 60 Hz |
| Nominal Output Voltage(s) Supported | 120V |
| Output Receptacles | (6) 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 | |
| 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 8.60 x 10.20 |
| Shipping Dimensions (hwd / cm) | 19.56 x 21.84 x 25.91 |
| Shipping Weight (lbs.) | 10.94 |
| Shipping Weight (kg) | 4.96 |
| Unit Dimensions (hwd / in.) | 7.000 x 6.000 x 7.000 |
| Unit Dimensions (hwd / cm) | 17.8 x 15.2 x 17.8 |
| Unit Weight (lbs.) | 9.6 |
| Unit Weight (kg) | 4.35 |
| STANDARDS & COMPLIANCE | |
| Product Certifications | cUL Listed; NOM (Mexico); UL 1012; UL Listed |
| 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 |