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, 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 NEMA 5-15P plug with 6-foot 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 circuit
- Supports 120V 15A 1800W intermittently and 12A 1440W continuously when connected to a 120V 15A rated circuit
- Ideal for computers, routers, modems, printers, home theater components and point-of-sale equipment
- Connect up to 6 electronic devices to the rear outlets: 4 NEMA 5-15R and 2 NEMA 5-20R

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
Specifications

OVERVIEW

UPC Code 037332040060

OUTPUT

Output (Watts) 2400

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

Nominal Output Voltage(s) Supported 120V

Output Receptacles (2) 5-15/20R; (4) 5-15R

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

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%.
<table>
<thead>
<tr>
<th>Severe Brownout Correction</th>
<th>Input voltages below 102V (+/-3V) are boosted by 19%.</th>
</tr>
</thead>
</table>

**USER INTERFACE, ALERTS & CONTROLS**

| Front Panel LEDs | 7 LEDs show incoming voltage status, protection present and line fault conditions |

**SURGE / NOISE SUPPRESSION**

<table>
<thead>
<tr>
<th>UPS AC Suppression Joule Rating</th>
<th>1440</th>
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</thead>
<tbody>
<tr>
<td>EMI / RFI AC Noise Suppression</td>
<td>80 dB</td>
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</table>

**PHYSICAL**

<table>
<thead>
<tr>
<th>Shipping Dimensions (hwd / in.)</th>
<th>7.70 x 8.70 x 10.00</th>
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<tbody>
<tr>
<td>Shipping Dimensions (hwd / cm)</td>
<td>19.56 x 22.10 x 25.40</td>
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<tr>
<td>Shipping Weight (lbs.)</td>
<td>11.90</td>
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<tr>
<td>Shipping Weight (kg)</td>
<td>5.40</td>
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<tr>
<td>Unit Dimensions (hwd / in.)</td>
<td>7 x 6 x 9.5</td>
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<tr>
<td>Unit Dimensions (hwd / cm)</td>
<td>17.8 x 15.2 x 24.1</td>
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<tr>
<td>Material of Construction</td>
<td>Plastic</td>
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<tr>
<td>Form Factors Supported</td>
<td>Small Tower</td>
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**WARRANTY**

<table>
<thead>
<tr>
<th>Product Warranty Period (Worldwide)</th>
<th>2-year limited warranty</th>
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</thead>
<tbody>
<tr>
<td>Connected Equipment Insurance (U.S., Canada &amp; Puerto Rico)</td>
<td>$25,000&lt;a class=&quot;insuranceLink&quot; href=&quot;/www.tripplite.com/support/insurance-policy&quot;&gt;Ultimate Lifetime Insurance&lt;/a&gt; </td>
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