



## Eaton SMART1200LCD

SmartPro LCD 120V 1200VA 700W Line-Interactive UPS, AVR, 2U Rack/Tower, LCD, USB, DB9 Serial, 8 Outlets

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| <b>PRODUCT NAME</b>         | Eaton Tripp Lite series<br>SmartPro UPS |
| <b>CATALOG NUMBER</b>       | SMART1200LCD                            |
| <b>UPC</b>                  | 037332126122                            |
| <b>PRODUCT LENGTH/DEPTH</b> | 10.68 in                                |
| <b>PRODUCT HEIGHT</b>       | 3.49 in                                 |
| <b>PRODUCT WIDTH</b>        | 17.33 in                                |
| <b>PRODUCT WEIGHT</b>       | 26.56 lb                                |
| <b>COMPLIANCES</b>          | FCC Class B<br>RoHS<br>TAA Compliant    |
| <b>CERTIFICATIONS</b>       | UL 1778<br>CSA certified<br>NOM         |

**TOPOLOGY** Line-interactive

**RACK SIZE** 2U

**VA RATING** 1200 VA

**PACKAGE CONTENTS**

- SMART1200LCD UPS
- USB cable
- DB9 serial cable
- Telephone cable
- Mounting hardware
- Owner's Manual

**NOMINAL FREQUENCY** 60 Hz

**INPUT FREQUENCY RANGE** 60 Hz

**RECEPTACLE** 5-15R

**OUTPUT NOMINAL VOLTAGE** 110 / 120V

**ELECTRIC CURRENT - MAX**

- 7A
- 7

**BATTERY REPLACEMENT** RBC1500

**BATTERY TYPE** Valve Regulated Lead Acid (VRLA)

**RUNTIME AT HALF LOAD** 14.3 min

**NOISE LEVEL** 2000

**RELATIVE HUMIDITY** Up to 95% non-condensing

**FRONT PANEL LCD DISPLAY**

Backlighted LCD screen offers detailed UPS status information, configuration options and Error message reporting; STATUS INFORMATION includes Input Voltage, Output Voltage, Estimated Runtime (minutes), Output Load Percentage, Output Load Wattage, Battery Charge Percentage, Graphical 5-Bar Battery Charge Level and UPS Operating Mode Display / CONFIGURATION OPTIONS include Power Sensitivity, LCD Status Information Scrolling, Alarm Disable, LCD Brightness and Self Test / REPORTED ERROR MESSAGES include Replace-Battery and Overload conditions; LCD Screen rotates for vertical or horizontal UPS placement

**INPUT PLUG TYPE** NEMA 5-15P

**OUTPUT RECEPTACLES** 5-15R

**PRODUCT HIGHLIGHTS**

LCD screen reports real-time UPS and power status  
 High 97% efficiency in line power mode  
 \$250,000 Ultimate Lifetime Insurance (U.S., Canada and Puerto Rico only)  
 Supports a half-load (350W) up to 14.3 min.

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|                                               | <p>during power outage</p> <p>Features 8 protected NEMA 5-15R outlets</p> <p>Offers automatic voltage regulation (AVR)</p> <p>3-year limited warranty (U.S., Canada, and Mexico -- warranties may vary by country)</p> <p>Supports a full load (700W) up to 4.0 min. during power outage</p> |
| <b>POWERALERT SOFTWARE</b>                    | <p>For local monitoring via the UPS's built-in communication ports, download PowerAlert software at <a href="https://tripplite.eaton.com/products/power-alert">https://tripplite.eaton.com/products/power-alert</a></p>                                                                      |
| <b>NOMINAL OUTPUT VOLTAGE</b>                 | <p>110V</p> <p>115V</p> <p>120V</p>                                                                                                                                                                                                                                                          |
| <b>NETWORK MANAGEMENT CARDS DETAILS</b>       | <p>Network management not supported</p>                                                                                                                                                                                                                                                      |
| <b>OUTPUT POWER FACTOR</b>                    | <p>0.6</p>                                                                                                                                                                                                                                                                                   |
| <b>PHASE (INPUT)</b>                          | <p>Single-phase</p>                                                                                                                                                                                                                                                                          |
| <b>RUNTIME AT FULL LOAD</b>                   | <p>4 min. (700W)</p>                                                                                                                                                                                                                                                                         |
| <b>COMMUNICATION INTERFACE</b>                | <p>DB9 Serial</p> <p>USB (HID enabled)</p> <p>Contact closure</p> <p>USB and DB9 Serial cabling included</p>                                                                                                                                                                                 |
| <b>DC VOLTAGE</b>                             | <p>24</p>                                                                                                                                                                                                                                                                                    |
| <b>OPERATING TEMPERATURE RANGE</b>            | <p>32° to 104°F (0° to 40°C)</p>                                                                                                                                                                                                                                                             |
| <b>COMMUNICATIONS CABLE</b>                   | <p>USB and DB9 Serial cabling included</p>                                                                                                                                                                                                                                                   |
| <b>INPUT CIRCUIT BREAKERS</b>                 | <p>10A</p>                                                                                                                                                                                                                                                                                   |
| <b>HIGH VOLTAGE TRANSFER TO BATTERY POWER</b> | <p>147</p>                                                                                                                                                                                                                                                                                   |
| <b>LOW VOLTAGE TRANSFER TO BATTERY POWER</b>  | <p>75</p>                                                                                                                                                                                                                                                                                    |
| <b>UNDERVOLTAGE CORRECTION</b>                | <p>Input voltages between 92 and 107 are boosted by 14%</p>                                                                                                                                                                                                                                  |
| <b>APPLICATION</b>                            | <ul style="list-style-type: none"> <li>• Home/Office Desktop</li> <li>• Audio/Video</li> <li>• High-End Desktop/Small Network</li> <li>• Retail/Point of Sale</li> <li>• Hospitality</li> </ul>                                                                                              |
| <b>SWITCH CONFIGURATION</b>                   | <p>ON/OFF/MODE button provides UPS on/off power control (long-press) and advances the LCD screen display (short tap); MUTE/ENTER button provides temporary alarm cancel, plus selection and</p>                                                                                              |

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|                                                | confirmation of on-screen configuration options                                                                                                                                                                                                                                                                                                    |
| <b>AC SUPPRESSION JOULE RATING</b>             | 870                                                                                                                                                                                                                                                                                                                                                |
| <b>HOUSING MATERIAL</b>                        | ABS                                                                                                                                                                                                                                                                                                                                                |
| <b>OUTPUT AC WAVEFORM (AC MODE)</b>            | Sine wave                                                                                                                                                                                                                                                                                                                                          |
| <b>OUTPUT AC WAVEFORM (BATTERY MODE)</b>       | PWM sine wave                                                                                                                                                                                                                                                                                                                                      |
| <b>OUTPUT CAPACITY (KVA)</b>                   | 1.2                                                                                                                                                                                                                                                                                                                                                |
| <b>OUTPUT CAPACITY (WATTS)</b>                 | 700                                                                                                                                                                                                                                                                                                                                                |
| <b>PRIMARY UPS DEPTH (MM)</b>                  | 267                                                                                                                                                                                                                                                                                                                                                |
| <b>PRIMARY UPS HEIGHT (MM)</b>                 | 89                                                                                                                                                                                                                                                                                                                                                 |
| <b>PRIMARY UPS WIDTH (MM)</b>                  | 440                                                                                                                                                                                                                                                                                                                                                |
| <b>AC SUPPRESSION RESPONSE TIME</b>            | Instantaneous                                                                                                                                                                                                                                                                                                                                      |
| <b>ALARM INTERFACE</b>                         | Press the MUTE/ENTER button during a power failure to silence the alarm; Once silenced, alarm will re-sound to indicate low-battery status                                                                                                                                                                                                         |
| <b>AUDIBLE ALARMS</b>                          | Audible alarm indicates power-failure and low-battery status; Alarm can be disabled entirely via front panel LCD interface (see manual)                                                                                                                                                                                                            |
| <b>BATTERY START CAPABILITY</b>                | Cold-start operation supported                                                                                                                                                                                                                                                                                                                     |
| <b>BATTERY REPLACEMENT DESCRIPTION</b>         | IMPORTANT BATTERY REPLACEMENT INFORMATION > If your SMART1200LCD UPS has no battery replacement door, please contact a local electronics repair technician to source and install a matching replacement battery; If your SMART1200LCD UPS is equipped with a battery access door, please order Tripp Lite RBC1500 (quantity 1) replacement battery |
| <b>LED INDICATORS</b>                          | Front panel LCD display                                                                                                                                                                                                                                                                                                                            |
| <b>OUTPUT VOLTAGE REGULATION (LINE MODE)</b>   | -18%, +8%                                                                                                                                                                                                                                                                                                                                          |
| <b>OUTPUT VOLTAGE REGULATION(BATTERY MODE)</b> | +/- 5%                                                                                                                                                                                                                                                                                                                                             |
| <b>OVERVOLTAGE CORRECTION</b>                  | Input voltages between 128 and 147 are reduced by 12%                                                                                                                                                                                                                                                                                              |
| <b>RECHARGEABLE</b>                            | Less than 4.5 hours from 10% to 90%                                                                                                                                                                                                                                                                                                                |

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| <b>BATTERY</b>                                 |                                                                                                                                                                              |
| <b>RECOMMENDED ELECTRICAL SERVICE</b>          | 15A 120V                                                                                                                                                                     |
| <b>STORAGE TEMPERATURE</b>                     | 5° to 122°F (-15° to 50°C)                                                                                                                                                   |
| <b>FORM FACTOR</b>                             | Rackmount<br>Tower                                                                                                                                                           |
| <b>INCLUDED MOUNTING ACCESSORY DESCRIPTION</b> | Included mounting brackets enable installation in 2 and 4 post racks, plus upright tower configurations; Set of 4 rubber-feet enable no-slip horizontal desktop placement    |
| <b>NETWORK MONITORING PORT DESCRIPTION</b>     | Supports detailed monitoring of UPS and site power conditions; DB9 provides contact-closure notification of AC Present (pins 1,9 connected) and AC Fail (pins 1,8 connected) |
| <b>NOMINAL VOLTAGE DETAILS</b>                 | 115v nominal output in battery mode                                                                                                                                          |
| <b>VOLTAGE REGULATION DESCRIPTION</b>          | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147                                                                   |
| <b>WATCHDOG COMPATIBILITY</b>                  | Supports Watchdog application, OS and hard-reboot restart options for remote applications                                                                                    |
| <b>MAXIMUM INPUT AMPS</b>                      | 7                                                                                                                                                                            |
| <b>MINIMUM REQUIRED RACK DEPTH (CM)</b>        | 35.56                                                                                                                                                                        |
| <b>MINIMUM REQUIRED RACK DEPTH (INCHES)</b>    | 14                                                                                                                                                                           |
| <b>UPS DATALINE SUPPRESSION DETAILS</b>        | 168 joules; Compatible with POE applications                                                                                                                                 |
| <b>UPS INPUT CORD LENGTH (M)</b>               | 1.8                                                                                                                                                                          |
| <b>UPS POWER MODULE DIMENSIONS</b>             | 3.49 x 17.33 x 10.5                                                                                                                                                          |
| <b>POWER MODE TRANSFER TIME</b>                | 4 milliseconds (AC to battery mode); 1 millisecond (Battery to AC mode)                                                                                                      |
| <b>TOTAL OUTLETS</b>                           | 8                                                                                                                                                                            |
| <b>OUTPUT CAPACITY (VA)</b>                    | 1200                                                                                                                                                                         |
| <b>TAA COMPLIANCE</b>                          | Yes                                                                                                                                                                          |
| <b>CONNECTED EQUIPMENT INSURANCE</b>           | \$250,000 Ultimate Lifetime Insurance                                                                                                                                        |
| <b>EMI AC NOISE SUPPRESSION</b>                | EMI / RFI AC Noise Suppression                                                                                                                                               |
| <b>UPS INPUT CONNECTION TYPE</b>               | 5-15P<br>Right-Angled                                                                                                                                                        |
| <b>GREEN ENERGY-</b>                           | Greater than 95% efficiency - GREEN UPS                                                                                                                                      |

|                                 |                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------|
| SAVING FEATURES                 |                                                                                         |
| INPUT NOMINAL VOLTAGE           | 120V AC                                                                                 |
| UPS DATALINE SUPPRESSION        | 1 line TEL/DSL (1 in / 1 out)<br>10/100Base T Ethernet                                  |
| HIGH AVAILABILITY UPS FEATURES  | Automatic voltage regulation (AVR)<br>Surge/noise protection<br>Hot swappable batteries |
| NOMINAL INPUT VOLTAGE SUPPORTED | 120V AC                                                                                 |

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