



**Tripp Lite**  
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## Model #: TE1200

### Voltage regulation for poor power environments



### Highlights

- 6 outlets
- Automatic Voltage Regulation (AVR) corrects brownouts and overvoltages
- Larger scale battery produces significantly longer runtimes
- Serial port works with software to facilitate unattended shutdown
- \$200,000 [Ultimate Lifetime Insurance](#) (USA, Puerto Rico & Canada only)

### Description

Tripp Lite's TE1200 UPS System provides line-interactive voltage regulation and long lasting battery support for mid-size business telephone systems, voicemail systems, personal computers and other communications, network and telecom applications. 1200VA power handling capacity and large capacity battery system maintains continuous operation through power interruptions with over 2 hours runtime for many phone systems and over 1 hour for larger systems. Line interactive voltage regulation maintains normal 120 volt output levels during brownouts as low as 75V and overvoltages as high as 147V, saving battery reserves for use only during complete power failures. Includes 6 outlets, diagnostic LEDs and a built-in serial port that works with PowerAlert Software and cabling to provide automatic unattended shutdown of network and PC applications (part# 75-0195). \$200,000 [Ultimate Lifetime Insurance](#) (USA & Canada Only).

### Applications

- Small and mid-size business telephone systems, voicemail systems, hubs, routers, bridges, concentrators, IP telephony, desktop PCs, network file servers and more.

### Package Includes

- TE1200 UPS System
- Warranty information
- Instruction manual

### Features

- Provides connected equipment with continuous power during short and long duration loss of commercial power
- Line-interactive voltage regulation corrects brownouts and overvoltages from 75 to 147 volts back to usable 120V output levels, without using battery power
- Supports loads up to 1200VA/940 watts
- 16 minutes half load runtime (600VA/470 watts), 7 minutes full load runtime (1200VA/940 watts)
- 6 protected outlets; 6-ft. cord
- DB9 serial network interface
- Complete surge protection and EMI/RFI noise filtering
- \$200,000 [Ultimate Lifetime Insurance](#) (USA & Canada Only) — 2 year product warranty — No warranty cards required for coverage!
- 5 diagnostic LEDs indicate AC present, on battery, voltage correction, overload & battery low/replace
- Battery replacement door

## Specifications

| SYSTEM OVERVIEW                |   |
|--------------------------------|---|
| Voltage compatibility          | 120V AC   |
| Frequency compatibility        | 60Hz  |
| OUTPUT                         |   |
| Output VA                      | 1200  |
| Output watts                   | 940   |
| Output nominal voltage         | 120V AC   |
| Output voltage regulation      | LINE MODE: Sine wave line voltage 120V (-18% / +8%)<br>BATTERY MODE: PWM sine wave output 120V +/-5%  |
| Output frequency regulation    | LINE MODE: Passes line frequency of 60Hz +/-10%<br>BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz   |
| Outlet quantity / type         | 6 NEMA 5-15R  |
| INPUT                          |   |
| Maximum input amps             | 8.25A / 990 watts   |
| Input connection type          | NEMA 5-15P  |
| Input cord length              | 6 ft., 14 gauge   |
| Recommended Electrical Service | 15A 120V  |
| BATTERY                        |   |
| Full load runtime              | 7 minutes (1200VA)  |
| Half load runtime              | 16 minutes (600VA)  |
| DC system voltage              | 36 VDC  |
| Typical battery lifespan       | 3-6 years, depending on usage   |
| Battery recharge rate          | 2-4 hours to 90%  |
| Replacement Battery Cartridge  | RBC53   |
| VOLTAGE REGULATION             |   |
| Voltage regulation description | Automatic Voltage Regulation (AVR) circuits maintain clean, regulated computer-grade 120V nominal output, without using battery power, during brownouts to 75V and overvoltages to 147V   |
| Overvoltage correction         | Input voltages between 128 and 147V AC are reduced by 12%   |
| Direct pass through            | Input voltages between 108 and 127V AC are passed on to connected equipment unchanged   |
| Brownout correction            | Input voltages between 93 and 107V AC are boosted by 14%  |
| Severe brownout correction     | Input voltages between 75 and 92V AC are boosted by 30%   |
| LEDS ALARMS & SWITCHES         |   |
| Front panel LEDs               | 5 front panel LEDs indicate line power status, battery power status, battery low/replace status, voltage regulation operation and overload status   |
| Alarms                         | Audible alarm with 15 second delay sounds to indicate loss of utility power. Alarm can be silenced by pressing front panel alarm cancel button. Once silenced, alarm will re-sound when approximately 2 minutes runtime remain. |
| Switches                       | Includes 2 front panel switches — one main on/off power switch and one dual function "alarm cancel" / "self test" button  |
| SURGE / NOISE SUPPRESSION      |   |
| AC surge suppression           | 480 joules  |

|  |   |
|--|---|
| <b>AC suppression response time</b>                  | Instantaneous   |
| <b>Dataline suppression</b>                          | -   |
| <b>EMI / RFI AC noise suppression</b>                | Yes   |
| <b>PHYSICAL</b>                                      |   |
| <b>Shipping weight (lbs)</b>                         | 39  |
| <b>Shipping weight (kg)</b>                          | 17.7  |
| <b>Unit weight (lbs)</b>                             | 36.5  |
| <b>Unit weight (kg)</b>                              | 16.6  |
| <b>Unit Dimensions (HWD/in)</b>                      | 12.75 x 7.5 x 9   |
| <b>Unit Dimensions (HWD/cm)</b>                      | 32.4 x 19.1 x 22.9  |
| <b>Material of construction</b>                      | PVC   |
| <b>Form factors supported</b>                        | Tower   |
| <b>Cooling method</b>                                | Convection  |
| <b>Battery Access</b>                                | Battery access door allows user replacement of UPS batteries  |
| <b>ENVIRONMENTAL</b>                                 |   |
| <b>Relative Humidity</b>                             | 0 to 95%, non-condensing  |
| <b>Storage Temperature</b>                           | +5 to +122 degrees Fahrenheit, -15 to +50 degrees Celsius   |
| <b>Operating Temperature</b>                         | +32 to +104 degrees Fahrenheit, 0 to +40 degrees Celsius  |
| <b>COMMUNICATIONS</b>                                |   |
| <b>Network monitoring port</b>                       | DB9   |
| <b>Software and cabling included</b>                 | PowerAlert software available for free download at <a href="http://www.tripplite.com">www.tripplite.com</a>   |
| <b>LINE / BATTERY TRANSFER</b>                       |   |
| <b>Transfer time from line power to battery mode</b> | 2-4 milliseconds  |
| <b>Low voltage transfer to battery power</b>         | Switches to battery power as line voltage decreases to 75 volts or less. Resets back to line power mode as line voltage increases to 79V or higher.   |
| <b>High voltage transfer to battery power</b>        | Switches to battery power as line voltage increases to 147 volts or higher. Resets back to line power mode as line voltage decreases to 143V or less. |
| <b>SPECIAL FEATURES</b>                              |   |
| <b>Cold Start</b>                                    | Yes, inverter can be "cold started" to enable temporary AC output during a power failure  |
| <b>Appearance</b>                                    | Attractive gray tower UPS   |
| <b>CERTIFICATIONS</b>                                |   |
| <b>Certifications</b>                                | Tested to UL1778 (USA), cUL (Canada), Class B (emissions), NOM (Mexico)   |
| <b>WARRANTY</b>                                      |   |
| <b>Product Warranty Period</b>                       | 2 year product warranty   |
| <b>Connected Equipment Coverage</b>                  | \$200,000 connected equipment insurance (USA and Canada only)   |
| <b>Optional Coverage</b>                             | 3-5 year warranties, plus next day and on-site warranty coverage available. Contact Tripp Lite for additional information.                            |

## Related Items

| <b>Audio Cables</b> |  |                 |
|---------------------|--|-----------------|
| CT120               | Instant-Read- AC Outlet Circuit Tester | Qty: [optional] |

  

| <b>Extended Warranties</b> |   |                 |
|----------------------------|---|-----------------|
| WEXT3-OMNI                 | 3-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS | Qty: [optional] |
| WEXT5-OMNI                 | 5-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS | Qty: [optional] |

  

| <b>Surge Protectors</b> |  |                 |
|-------------------------|--|-----------------|
| DTEL2                   | Network Surge Suppressor - Essential protection for data and communication lines | Qty: [optional] |
| DNET1                   | Network Surge Suppressor - Essential protection for data and communication lines | Qty: [optional] |
| DCATV                   | Network Surge Suppressor - Essential protection for TV/VCR coaxial lines         | Qty: [optional] |

  

| <b>Wallmount Bracket</b> |   |                 |
|--------------------------|---|-----------------|
| UPSWM                    | Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap) | Qty: [optional] |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=65](http://www.tripplite.com/en/products/model.cfm?txtModelID=65).

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