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## Model #: TE600

### TE Series 600VA Tower Line-Interactive 120V UPS with serial port



#### Highlights

- 6 outlets (3 UPS/surge, 3 surge-only)
- 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 TE600 UPS System provides line-interactive voltage regulation and long lasting battery support for small business telephone systems, voicemail systems, personal computers and other communications, network and telecom applications. 600VA power handling capacity and large capacity battery system maintains continuous operation through power interruptions with over 1 hour runtime for many phone systems. Line interactive voltage regulation maintains normal 120 volt output levels during brownouts as low as 75 and overvoltages as high as 147, saving battery reserves for use only during complete power failures. Unique design features 6 protected outlets (3 UPS supported & 3 surge-suppression only), 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).

#### Package Includes

- TE600 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 600VA/425 watts
- 22 minutes half load runtime (300VA/210 watts), 7 minutes full load runtime (600VA/425 watts)
- 6 protected outlets total (3 UPS Supported & 3 surge-suppression only); 6-ft. cord
- DB9 serial network interface
- Complete surge protection and EMI/RFI noise filtering
- \$200,000 [Ultimate Lifetime Insurance](#) (USA and Canada Only)
- 4 diagnostic LEDs indicate AC present, on battery, voltage correction & battery low/replace
- Battery replacement door

#### Specifications

| OUTPUT |
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|--------|

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|--|--|
| Output Volt Amp Capacity (VA)                                    | 600  |
| Output Watt Capacity (watts)                                     | 425  |
| Nominal Output Voltage(s) Supported                              | 115V; 120V   |
| Frequency compatibility  | 60 Hz  |
| Output voltage regulation (line mode)                            | -18%, +8%  |
| Output voltage regulation (Battery mode)                         | 115V (+/- 5%)  |
| Built-in UPS output receptacles                                  | 6 5-15R outlet(s)  |
| Surge suppression only outlets                                   | 3 UPS outlets, 3 surge-only outlets  |
| Output AC waveform (AC mode)                                     | Sine wave  |
| Output AC waveform (battery mode)                                | PWM sine wave  |
| <b>INPUT</b>   |  |
| Rated input current (at maximum load)                            | 12A  |
| Nominal Input Voltage(s) Supported                               | 120V AC  |
| UPS input connection type  | 5-15P  |
| UPS Input cord length (ft.)                                      | 6  |
| UPS Input cord length (m)  | 1.8  |
| Recommended Electrical Service                                   | 15A 120V   |
| <b>BATTERY</b>   |  |
| Full load runtime (minutes)                                      | 9 min. (600w)  |
| Half load runtime (minutes)                                      | 22 min. (300w)   |
| DC system voltage (VDC)  | 12   |
| Battery recharge rate (included batteries)                       | Less than 6 hours from 10% to 90%  |
| Replacement battery cartridge (internal UPS battery replacement) | <a href="#">RBC52</a> (quantity 2)   |
| Battery Access   | Battery access door  |
| <b>VOLTAGE REGULATION</b>  |  |
| Voltage regulation description                                   | Automatic voltage regulation (AVR) maintains line power operation with an input voltage range of 75 to 147 |
| Overvoltage correction   | Input voltages between 128 and 147 are reduced by 12%  |
| Undervoltage correction  | Input voltages between 93 and 107 are boosted by 14%   |

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|--|---|
| Severe undervoltage correction   | Input voltages between 75 and 92 are boosted by 30%   |
| <b>LEDS ALARMS &amp; SWITCHES</b>  |   |
| LED Indicators   | 4 LEDs indicate line power, battery power, overload and battery low/replace status  |
| Alarms   | Audible alarm indicates power-failure and low-battery conditions  |
| Alarm cancel operation   | Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status |
| Switches   | 2 Switches control off/on power status and alarm-cancel/self-test operation   |
| <b>SURGE / NOISE SUPPRESSION</b>   |   |
| UPS AC suppression joule rating  | 480   |
| UPS AC suppression response time   | Instantaneous   |
| EMI / RFI AC noise suppression   | Yes   |
| <b>PHYSICAL</b>  |   |
| Installation form factors supported with included accessories                          | Tower   |
| Installation form factors supported with optional accessories                          | Wallmount (UPSWM - tower mounting kit)  |
| Primary form factor  | Tower   |
| UPS / Power Module dimensions in primary form factor (height x width x depth / inches) | 10.8 x 5.2 x 7.5  |
| UPS / Power Module dimensions in primary form factor (height x width x depth / cm)     | 27.3 x 13.3 x 19  |
| UPS / Power Module weight (lbs)  | 19  |
| UPS / Power Module weight (kg)   | 8.6   |
| UPS Shipping dimensions (height x width x depth / inches)                              | 14 x 8.5 x 11   |
| UPS Shipping dimensions (height x width x depth / cm)                                  | 35.6 x 21.6 x 27.9  |
| Shipping weight (lbs)  | 21  |
| Shipping weight (kg)   | 9.5   |
| UPS housing material   | Vinyl   |
| <b>ENVIRONMENTAL</b>   |   |
| Operating Temperature Range  | +32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius   |
| Storage Temperature Range  | +5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius  |

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|---|--|
| Relative Humidity   | 0 to 95%, non-condensing   |
| AC mode BTU / hr. (full load)                               | 92.2   |
| Battery mode BTU / hr. (full load)                          | 125.7  |
| <b>COMMUNICATIONS</b>                                       |  |
| Communications interface                                    | DB9 Serial   |
| PowerAlert software   | Free download from <a href="http://www.tripplite.com">www.tripplite.com</a>                                |
| <b>LINE / BATTERY TRANSFER</b>                              |  |
| Transfer time   | 2-4 milliseconds   |
| Low voltage transfer to battery power (setpoint)            | 75   |
| High voltage transfer to battery power (setpoint)           | 147  |
| <b>SPECIAL FEATURES</b>                                     |  |
| Cold Start (startup in battery mode during a power failure) | Cold-start operation supported   |
| <b>CERTIFICATIONS</b>                                       |  |
| UPS Certifications  | Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI) |
| <b>WARRANTY</b>   |  |
| Product Warranty Period (Worldwide)                         | 2-year limited warranty  |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico)  | \$200,000 <a href="#">Ultimate Lifetime Insurance</a>  |

## Related Items

### Optional Products

| Related Model              | Description   | Qty. |
|----------------------------|---|------|
| <a href="#">CT120</a>      | Instant-Read- AC Outlet Circuit Tester  | 1    |
| <a href="#">DCATV</a>      | Network Surge Suppressor - Essential protection for TV/VCR coaxial lines                    | 1    |
| <a href="#">DNET1</a>      | Network Surge Suppressor - Essential protection for data and communication lines            | 1    |
| <a href="#">DTEL2</a>      | Network Surge Suppressor - Essential protection for data and communication lines            | 1    |
| <a href="#">UPSWM</a>      | Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap) | 1    |
| <a href="#">WEXT3-OMNI</a> | 3-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS                                   | 1    |
| <a href="#">WEXT5-OMNI</a> | 5-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS                                   | 1    |

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=66](http://www.tripplite.com/en/products/model.cfm?txtModelID=66).

