

## TE Series 120V 600VA 425W Line-Interactive UPS, AVR, Tower, DB9 Serial port

MODEL NUMBER: **TE600**



### 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](#) (U.S., Canada, and Puerto Rico only).

### 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](#) (U.S., Canada, and Puerto Rico only)
- 4 diagnostic LEDs indicate AC present, on battery, voltage correction & battery low/replace

### 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](#) (U.S., Canada, and Puerto Rico only)

### Package Includes

- TE600 UPS System
- Warranty information
- Instruction manual



- Battery replacement door

## Specifications

OUTPUT	
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%)
Output Receptacles	(6) 5-15R
UPS Output Receptacles (Surge Suppression Only)	3 UPS outlets, 3 surge-only outlets
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
INPUT	
Rated input current (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
Input Phase	Single-Phase
BATTERY	
Full Load Runtime (min.)	9 min. (600w)
Half Load Runtime (min.)	22 min. (300w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 6 hours from 10% to 90%
Internal UPS Replacement Battery Cartridge	<u>RBC52</u> (quantity 2)



Battery Access	Battery access door
Expandable Runtime	No
<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%
Severe Undervoltage Correction	Input voltages between 75 and 92 are boosted by 30%
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
Switches	2 Switches control off/on power status and alarm-cancel/self-test operation
Alarm Cancel Operation	Power-fail alarm can be silenced using alarm-cancel switch; once silenced, alarm will re-sound to indicate low-battery status
Audible Alarm	Audible alarm indicates power-failure and low-battery conditions
LED Indicators	4 LEDs indicate line power, battery power, overload and battery low/replace status
<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 ( <a href="#">UPSWM</a> - tower mounting kit)
Primary Form Factor	Tower
UPS Power Module Dimensions (hwd, in.)	10.8 x 5.2 x 7.5
UPS Power Module Dimensions (hwd, cm)	27.3 x 13.3 x 19
UPS Power Module Weight (lbs.)	19
UPS Power Module Weight (kg)	8.62
UPS Shipping Dimensions (hwd / in.)	14 x 8.5 x 11
UPS Shipping Dimensions (hwd / cm)	35.6 x 21.6 x 27.9
Shipping Weight (lbs.)	21
Shipping Weight (kg)	9.5



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UPS Housing Material	Vinyl
Primary UPS Height (mm)	274
Primary UPS Width (mm)	132
Primary UPS Depth (mm)	190
Shipping Height (mm)	356
Shipping Width (mm)	216
Shipping Depth (mm)	279
<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
Relative Humidity	0 to 95%, non-condensing
AC Mode Efficiency Rating (100% Load)	94%
<b>COMMUNICATIONS</b>	
Communications Interface	DB9 Serial
PowerAlert Software	For local monitoring via the UPS's built-in communication ports , download PowerAlert Local software at <a href="http://www.tripplite.com/poweralert">http://www.tripplite.com/poweralert</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 <u>Ultimate Lifetime Insurance</u>



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