

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

MODEL NUMBER: **TE600**



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

Package Includes

- TE600 UPS System
- Warranty information
- Instruction manual

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
- Battery replacement door



Specifications

OVERVIEW	
UPC Code	037332098573
UPS Type	Line-Interactive
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
OUTPUT	
Output Volt Amp Capacity (VA)	600
Output Watt Capacity (Watts)	425
Power Factor	0.71
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Line Mode)	-18%, +8%
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)
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
Nominal Output Voltage(s) Supported	110V; 115V; 120V
Output Receptacles	(6) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Full Load Runtime (min.)	9 min. (425w)
Half Load Runtime (min.)	22 min. (212.5w)



Expandable Runtime	No
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 6 hours from 10% to 90%
Battery Access	Battery access door
Internal UPS Replacement Battery Cartridge	 RBC52 (quantity 2)
VOLTAGE REGULATION	
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%
USER INTERFACE, ALERTS & CONTROLS	
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
SURGE / NOISE SUPPRESSION	
UPS AC Suppression Joule Rating	480
UPS AC Suppression Response Time	Instantaneous
EMI / RFI AC Noise Suppression	Yes
PHYSICAL	
Installation Form Factors Supported with Included Accessories	Tower
Installation Form Factors Supported with Optional Accessories	Wallmount (UPSWM - tower mounting kit)
Primary Form Factor	Tower
Primary UPS Depth (mm)	191
Primary UPS Height (mm)	274
Primary UPS Width (mm)	132
Shipping Dimensions (hwd / cm)	35.56 x 20.57 x 25.91
Shipping Dimensions (hwd / in.)	14.00 x 8.10 x 10.20
Shipping Weight (kg)	11.16
Shipping Weight (lbs.)	24.60



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UPS Housing Material	Vinyl
UPS Power Module Dimensions (hwd, cm)	27.43 x 13.21 x 19.05
UPS Power Module Dimensions (hwd, in.)	10.8 x 5.2 x 7.5
UPS Power Module Weight (kg)	8.62
UPS Power Module Weight (lbs.)	19
ENVIRONMENTAL	
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%
COMMUNICATIONS	
PowerAlert Software	For local monitoring via the UPS's built-in communication ports , download PowerAlert Local software at http://www.tripplite.com/poweralert
Communications Interface	DB9 Serial
LINE / BATTERY TRANSFER	
Transfer Time	2-4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	75
High Voltage Transfer to Battery Power (Setpoint)	147
SPECIAL FEATURES	
Cold Start (Startup in Battery Mode During a Power Failure)	Cold-start operation supported
STANDARDS & COMPLIANCE	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI)
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$200,000 Ultimate Lifetime Insurance

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