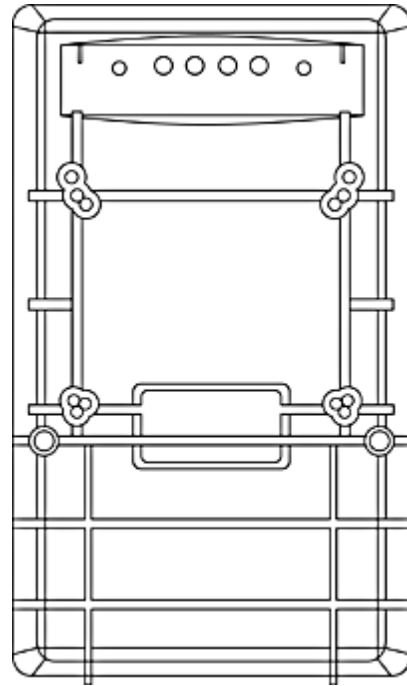
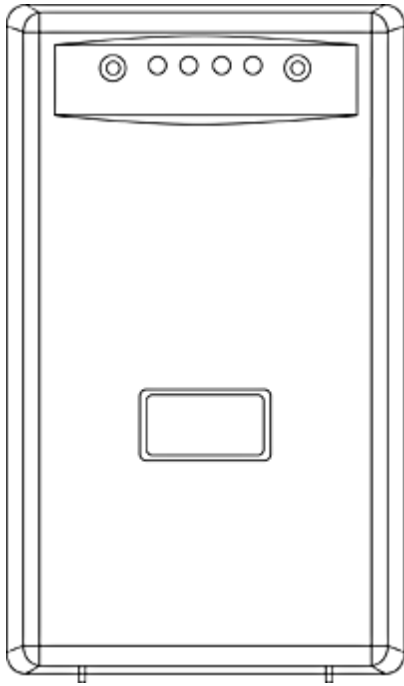


Overview



Statistics say you will experience a power outage or other power related event. Rated at 500 VA/300 Watts, the HP T500 UPS provides reliable and affordable power protection for your electrical equipment. Designed to meet low-level power requirements, this Uninterruptible Power System (UPS) is ideal for desktops, workstations, or any entry-level server environment, enabling you to continue working during sudden brief power outages; and in the event of an extended power outage, it can automatically save your data, close applications, and perform a systematic shutdown. Provides up to 30 minutes of battery back-up time, depending on the power load; other features include USB communications port, automatic voltage regulation, free power management software, and constant monitoring of input power.

Models

North America Model (120 V)

361475-001

Standard Features

- 500VA/300 Watts
- Front panel LED indicators allow easy monitoring of the AC Line Status, Overload, On Battery, and Low Battery.
- Two front panel push buttons
 - One allows silencing of the AC fail alarm and also the initiation of the UPS self test sequence.
 - One turns inverter on and places UPS in Standby mode (Non Battery Backup).
- Automatic Voltage Regulation with "boost" capabilities
- Receptacles:
 - Six (6) receptacles (NEMA 5-15R): (3) UPS and surge protected receptacles, and (3) surge only receptacles.
- 2 line modem/fax protection

NOTE: For a brief, printer friendly data sheet that describes this product and informs you of the essential capabilities and specifications, please visit: <http://h71028.www7.hp.com/ERC/downloads/4AA0-6982ENW.pdf>.

Key Benefits

Investment Protection

- Prevents equipment damage due to power outages and surges.
- Continuously monitors and regulates the power quality to all connected equipment.
- Reduces overall cost of ownership of your computer equipment and peripherals.

Reduces Risk of System Downtime

- Enables you to continue working in the event of brief power outages.
- Prevents system downtime by keeping you connected during periods of brief, unexpected power outages.
- Prevents data loss due to sudden power outages.
- Increases overall system reliability and availability; and helps you stay connected in a 24x7 environment.
- Automatically saves open files and closes open applications before performing an orderly system shutdown during extended power outages.

Easy Setup and Operation

- Bundled with user-friendly web-based free HP Power Manager software.
- USB communications port.
- Ready to plug in and provide instant power protection to the connected equipment.

Confidence in HP Solutions

- HP's hardware qualification is the toughest in the industry. Extensive evaluation, testing, product improvement, and an unsurpassed warranty guarantee the highest level of system protection, electrical performance, product quality and compatibility.

Service and Support, HP Care Pack, and Warranty Information

HP Care Pack Installation

Hardware Installation (Electronic)

U4690E

Care Pack services provide a range of life cycle support options that let you choose the service levels that meet your business requirements, from basic to mission-critical

A full range of HP Care Pack hardware and software services are available including:

- Installation and start up
- Education courses
- Extended onsite hardware coverage hours from same business day 13 hours, 5 day to 24 hours, 7 days call window with options including 4-hour response or 6-hour Call to Repair
- Comprehensive range of software technical support for Microsoft, Linux, ProLiant Essentials and VMWare-based IT solutions helping to deliver high level of application availability. Response times range from 30 mins for critical problems to 2 hours.
- System Management Performance Services and Mission Critical Support Solution

NOTE: For more information on HP Care Pack services, contact any of our worldwide sales offices or resellers or visit our worldwide Web site on the internet at: <http://www.hp.com/hps/carepack>

NOTE: For more complete information on HP Services offerings, customers and resellers, please visit us at:

<http://www.hp.com/hps>

NOTE: Additional information regarding worldwide limited warranty and technical support is available at:

<http://h18004.www1.hp.com/products/servers/platforms/warranty/index.html>

NOTE: For additional information on Server Services, Rack and Power Options, please visit:

<http://h20219.www2.hp.com/services/cache/111072-0-0-225-121.html>

NOTE: The information contained herein is subject to change without notice and is provided "as is" without warranty of any kind.

NOTE: The warranties for HP products and services are set forth in the express limited warranty statements accompanying such products and services.

Technical Specifications

Electrical Input	Maximum input amps	10A / 1200 watts F
	Nominal Input Frequency	60 Hz
	Connections	NEMA 5-15P (6 foot, 16 gauge wire)
	Recommended electrical service	15A 120V
Electrical Output	Output volt amp capacity (VA)	500 VA
	Output watt capacity (Watts)	300 W
	Output nominal voltage	120V AC
	Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
	Output voltage regulation	BATTERY MODE: PWM sine wave 120V +/-5%
	Voltage Wave Shape	Simulated sine wave
	Connections	(6) total receptacles: (3) NEMA 5-15R with UPS and surge suppression, and (3) NEMA 5-15R with surge suppression only.
Battery	Full load run time	5 minutes (300 watts)
	Half load run time	17 minutes (150 watts)
	DC system voltage	12 V DC
	Battery charging	2-4 hours to 90%
	Typical battery lifespan	3-6 years, depending on usage
	Battery Type	Sealed lead-acid, maintenance-free
Voltage Regulation	Voltage regulation description	Line interactive voltage regulation corrects brownouts as low as 83V back to 120V nominal values
	Direct pass through	Voltages of 106V and greater are passed through to connected equipment unchanged
	Brownout correction	Input voltages between 83 and 105 are boosted by 14%
LEDs, Alarms & Switches	Front panel LEDs	4 LEDs indicate performance conditions: GREEN "online" / GREEN "voltage regulation enabled" / RED "on battery" / YELLOW "battery low/replace"
	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	1920 joules
	AC surge suppression response time	Instantaneous
	Data line suppression	Single line TEL/DSL surge suppression with RJ-style phone connectors (center 2 wires protected, 260V clamping), includes phone cable
	EMI / RFI AC noise suppression	Yes
Line / Battery Transfer	Transfer time from line power to battery mode	2-4 milliseconds

Technical Specifications

	Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 83 volts or less. Resets to line power mode as line voltage increases to 87V or higher
	High voltage transfer to battery power	Switches to battery power as line voltage increases to 147 volts or higher. Resets to line power mode as line voltage decreases to 143V or less
Communications	Serial Communication	Intelligent serial communication to provide alarms, power monitoring, orderly shutdown and many other features.
	Network monitoring port	Built-in USB port supports on battery, low battery, and power restored messaging
	Software and cabling	USB cabling included. HP Power Manager software available FREE from http://www.hp.com/products/ups .
Environmental and Safety	Operating Temperature	50° to 104° F (10° to 40° C). CAUTION: Long term use at ambient higher than 25° C reduces battery life. The unit shall be fully functional throughout the range.
	Storage Temperature	32° to 77° F (0° to 25° C). The unit shall be fully functional after returning to the operating temperature range.
	Transit Temperature	-13° to 131° F (-25° to 55° C). The unit shall be fully functional after returning to the operating temperature range.
	Operating Relative Humidity	The unit shall be fully functional from 20 to 80% relative humidity (non-condensing) across the operating temperature range.
	Non-Operating Relative Humidity	The unit shall be able to withstand 5 to 95% relative humidity, 38.7° C maximum wet bulb temperature, with no cosmetic damage. The unit shall be fully functional after returning to the operating temperature and humidity range.
	Operating Altitude	0 to 6,600 feet (0 to 2000 meters) (14.7 to 10.1 psia).
Physical	Non-Operating Altitude	0 to 49,000 feet (0 to 14,900 meters) (14.7 to 4.4 psia)
	Form Factor	Tower
	Cooling Method	Convection
	Battery Access	Battery access door allows user replacement of UPS batteries
	Unit Dimensions (W x H x D)	5.25 x 8.5 x 7.0 in (13.3 x 21.6 x 17.8 cm)
	Shipping Dimensions (W x H x D)	8.5 x 12.5 x 10.0 in (21.6 x 31.8 x 25.4 cm)
	Unit Weight	14.4 lbs (6.5 kg)
	Shipping Weight	16 lbs (7.3 kg)
Warranty	Product Warranty	3 years

Technical Specifications

Environment-friendly End-of-life Management Products and Approach and Recycling Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to <http://www.hp.com/go/green>. To recycle your product, please go to: <http://www.hp.com/go/green> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/green>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

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