

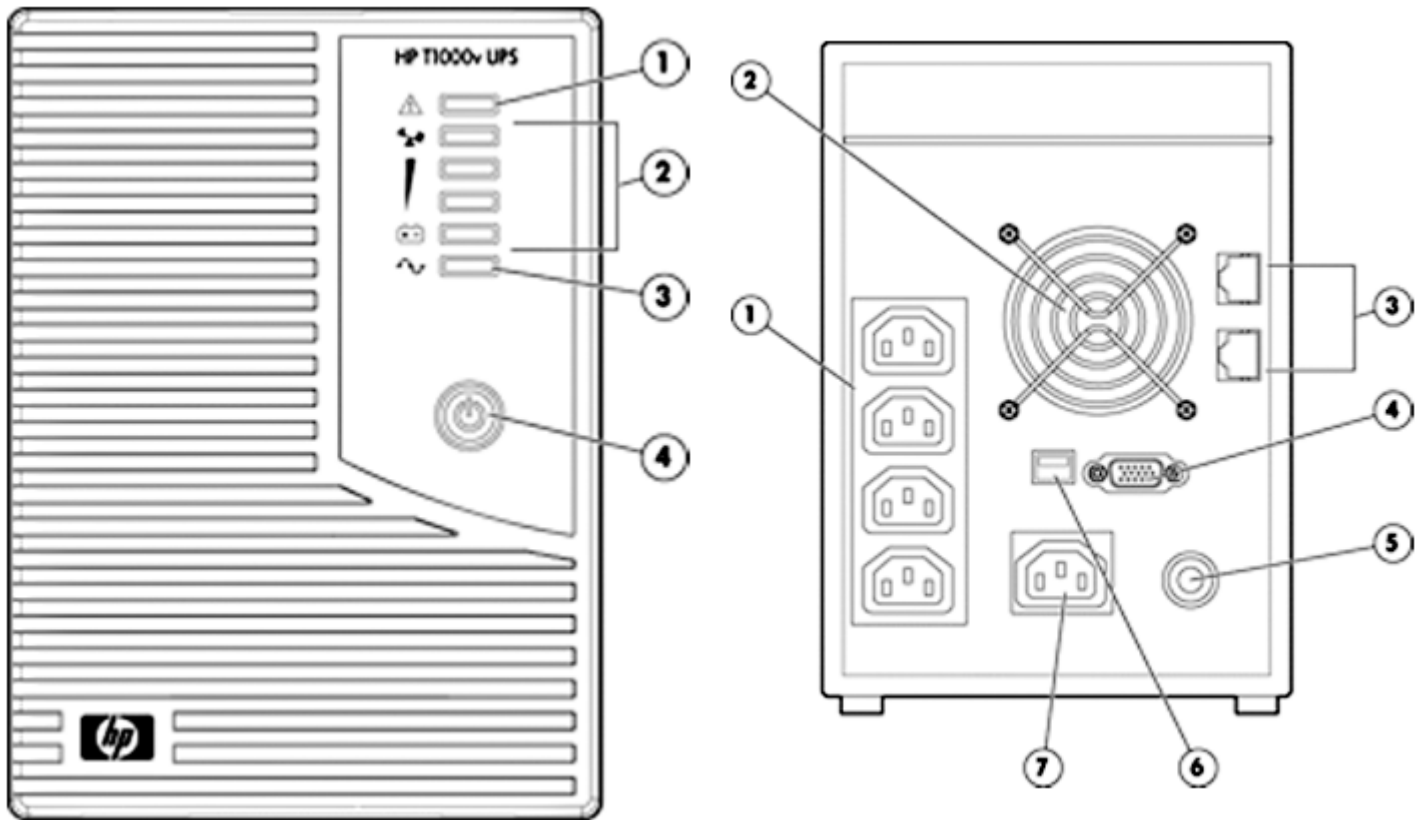
# QuickSpecs

## HP T1000v Uninterruptible Power Supply (UPS)

### Overview

The HP T1000v Tower UPS is designed to provide advanced power protection, increased uptime and data corruption avoidance for servers, storage, computer equipment, and network environments. With "Buck and Boost" technology, its line interactive topology automatically adjusts to varying electrical inputs to create a seamless flow of power for your sensitive equipment. Both audible and visual alarms let you monitor any changes in the power environment.

Key benefits include intuitive front panel display, HP Value UPS Manager software, serial and USB ports for data exchange with the host computer, and a one-year warranty. This product is available only in China and India.



Front View

1. Fault LED (Overload)
2. AC Mode: Load Level LEDs  
Backup Mode: Battery Capacity LEDs
3. AC Mode: Green Light (Solid)  
Backup Mode: Green Light (Flashing)
4. Power "ON/OFF" Switch

Rear View

1. (4) IEC-320 C13 output receptacles
2. Fan
3. RJ11/RJ45 interface ports (2)
4. Serial RS232 communication port
5. Reset button
6. USB Communication port
7. IEC-320 C14 input receptacle (10A)



# QuickSpecs

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### Overview

### Models

HP T1000v Uninterruptible Power System

AF443A

**NOTE:** The T1000v is available in [China and India only](#).

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### Kit Contents

- HP UPS T1000v UPS
- HP Value UPS Manager software CD
- Communications cables (RS232 Serial cable and USB cable)
- India power cord (AC power cord IEC-IEC 10A India, 1.5m)
- China power cord (AC power cord IEC-IEC 10A China, 1.5m)
- Documentation (English, Simplified Chinese)



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## HP T1000v Uninterruptible Power Supply (UPS)

### Standard Features

#### Key Features

- Automatically corrects AC output power with "Buck and Boost" to maintain the proper output voltage
- Manageability through USB or serial port
- LED Alarm indicators and Audible alarm indicators
- Backed by a one-year warranty
- 1000VA / 600 W power handling ability supports a variety of sensitive electronic equipment
- 4 IEC-320 C13 outlets
- RJ45/RJ11 support
- Front panel LEDs offer UPS and line power status information
- Automatic Voltage Regulation (AVR)
- AVR Boost (Brownout correction)
- AVR Trim
- Battery Alarm (audible and LED)
- Battery Monitoring
- HP Value UPS Manager software
- IPV4 and IPV6 support
- Lightning and Surge Protection
- Line-interactive
- Overload Indicator (LED)
- Programmable power event response
- 2 minute pre-alarm battery warning
- Regulates brownouts as low as 160 volts back to usable levels without using battery power

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**Easy Status Monitoring via Front Panel Display** Please see the line art drawing previously shown to identify the front panel with noted display.

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**Intelligent Manageability** HP Value UPS Manager software is included with the HP UPS T1000v models. The HP Value UPS Manager software enables you to monitor and control HP UPSs locally or remotely. This software is a versatile, configurable, alert response tool that gives system administrators a full overview of the network's conditions. It enables you to monitor system status and power conditions, configure shut down timing for both UPSs and servers, send email alert messages, and perform UPS diagnostic checks quickly and easily.

Key Features of HP Value UPS Manager:

- Event Log History
- IPV4 and IPV6 support
- Load Level monitoring
- Temperature monitoring
- Management of multiple UPS and servers on a single management server (via LAN)
- Event notification via email
- Battery Test
- Time delayed scheduled shutdown and power on of UPS
- Time delayed scheduled shutdown of Server/equipment
- Time delayed scheduled battery test
- Software supported languages: English, Traditional Chinese, Simplified Chinese
- 2 Minute pre-alarm battery warning



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### Standard Features

#### HP Quality

HP 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.

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#### Warranty

HP T1000v UPS is covered by a one-year warranty, including parts and labor with depot drop-off by the following authorized service providers. Serial number information and model number information are located on labels that can be found the top of the UPS near the back.

Please contact these service providers directly for warranty service.

Contact phone number in China: 400 8899 102

Contact phone number in India: 1 800 102 3330

This product is available in China and India only.

These products are not covered by any HP Care Packs.



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## HP T1000v Uninterruptible Power Supply (UPS)

### Technical Specifications

<b>Unit Dimensions (DxWxH)</b>	400mm x 145mm x 205mm		
<b>Shipping Dimensions (DxWxH)</b>	490mm x 230mm x 292mm		
<b>Unit Weight</b>	9.6 kg		
<b>Shipping Weight</b>	10.6 kg		
<b>Operating Voltage Settings</b>	230V		
<b>Power Out (VA/Watts)</b>	1000/600		
<b>Topology</b>	Line Interactive		
<b>Input Connection</b>	IEC-320 C14 inlet (10A)		
<b>Output Connection</b>	(4) IEC-320 C13 (2) RJ11/RJ45		
<b>Load Segments</b>	1		
<b>Electrical Input</b>	<b>Voltage Range</b>	230	
	<b>Frequency</b>	50/60 Hz (Auto select)	
	<b>Maximum Input Current at Low Line</b>	8.5A	
	<b>Efficiency:</b>	Line Mode	> 95%
		Boost/Buck Mode	> 88%
	Battery Mode	> 60%	
<b>Electrical Output</b>	<b>Online Regulation</b>	-18% to +10% of nominal voltage	
	<b>On battery Regulation</b>	+/-10% of nominal voltage	
	<b>Voltage Wave Form</b>	Step wave (battery mode)	
<b>Battery</b>	<b>Type</b>	Maintenance-free, sealed, valve-regulated lead acid (VRLA) UL 924 recognized	
	<b>Recharge Time</b>	<10 hours to 90% usable capacity Battery can be charged when UPS is in "OFF" status	
	<b>Battery String Voltage</b>	24V (2x12V)	
	<b>Battery Ampere Hour (ah)</b>	7Ah	
	<b>Pre-Alarm warning</b>	2 minutes minimum	
<b>Communications</b>	<b>Battery Protection</b>	Fuse protected, 3 fuses 40A, 32Vdc	
	<b>Serial Ports</b>	RS232 Standard communication port (ships with 1.5m Serial communication cable)	
	<b>USB Port</b>	Standard communication port (ships with 1.2m USB communication cable)	
	<b>LED Indicators (6)</b>	<ul style="list-style-type: none"><li>● AC Mode LED</li><li>● Backup Mode LED</li><li>● Battery Warning (Fault Mode) LED</li></ul>	
	<b>Audible Alarms</b>	Backup mode, Battery Low, Overload, Fault, Battery replace	
<b>Environmental and Safety</b>	<b>Data Line receptacles</b>	2 RJ11/RJ45 to provide transient voltage surge suppression for either one data line or one modem line	
	<b>Operating Temperature</b>	10° to 40° C	
	<b>Transit and Storage Temperature</b>	-15° to 55° C. Storage at temperatures above 25 will reduce battery life	



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<b>Humidity (Operation)</b>	20% to 80% (non-condensing)
<b>Humidity (Non-operating)</b>	5% to 95%, 38.7 C maximum wet bulb temperature with no cosmetic damage
<b>Operating Altitude</b>	Up to 1500m above sea level, 0-40 C
<b>Transit and Storage Altitude</b>	Up to 49,000 ft (15,000 m) above sea level
<b>Audible Noise</b>	Normal mode: Less than 40 dBA max measured from 1 meter Charging/Fan on/AVR/Inverter mode: Less than 50 dBA max measured from 1 meter
<b>Safety</b>	Compliant (not certified) with IEC 62040-1-1 including IEC 60950-1
<b>Emissions</b>	Compliant (not certified) EN62040-2 Class A

### Operating Systems Compatibility

Supports both 32 bit and 64 bit Operating systems:

- Windows
  - Windows Server 2003 Ent - SP2
  - Windows XP
  - Windows Vista
  - Windows Server 2008
- Linux
  - RedHat 5 - U1
  - SLES 10 - SP1

### Estimated Backup Times Chart (In Minutes)

T1000v		
Load, percent	Load, Watts	Estimated battery runtime at 100% battery charge
50%	300	8 minutes
100%	600	3 minutes

**NOTE:** Backup times are estimated for typical applications. Actual performance will depend on load and battery conditions.

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