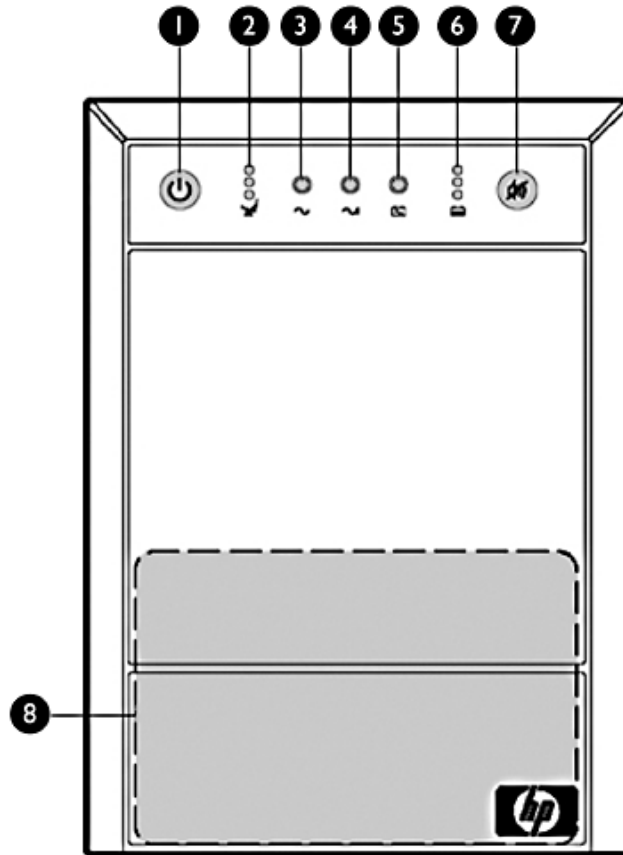# QuickSpecs

Overview

Rated at 750 VA/500 Watts, the HP T750 UPS features a unique design and easy-to-configure front panel display. Ideal for desktop, workstation, or entry-level server environments, this Uninterruptible Power System (UPS) is an enhancement of the current T700 UPS, and is an integral part of the proven family of HP Power Management Products.
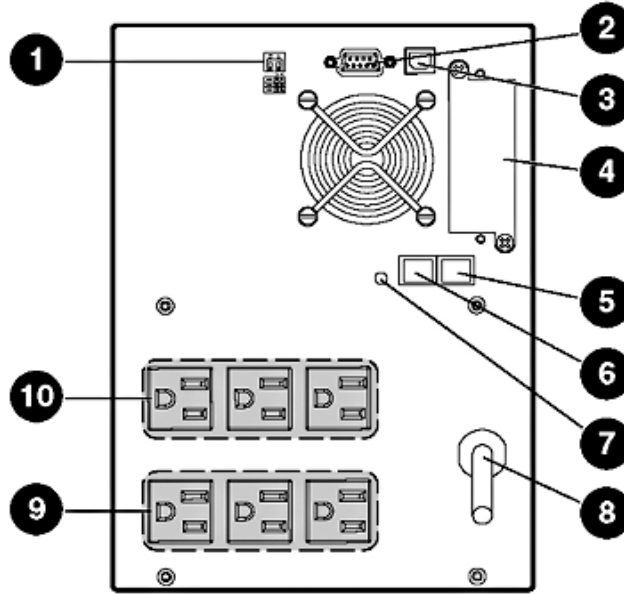
The HP T750 UPS protects your computer equipment and your critical data against damage due to inconsistent and fluctuating power. It enables you to continue working during sudden brief events of power outage, and automatically saves your data, closes applications, and stages a systematic shutdown during an extended power outage. When used with the free HP Power Management Software, the T750 allows customers to also perform a remote shut down of applications and connected equipment if required.
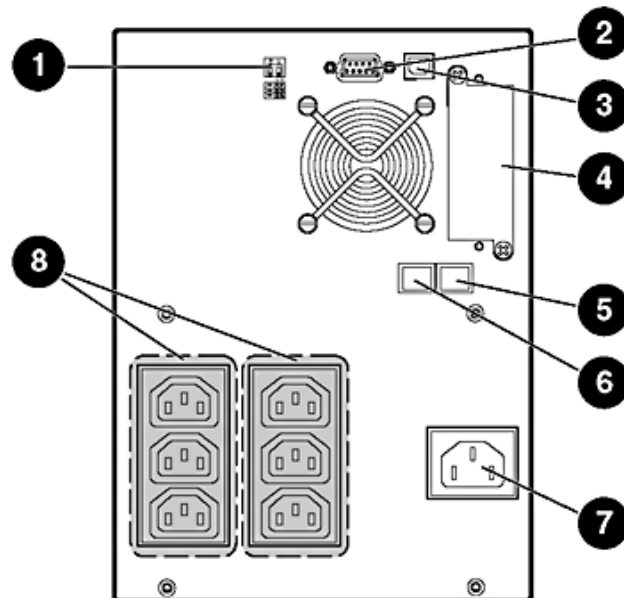
UPS Front Panel Controls and LED Indicators

1. Power button
2. Output load level LED's
3. Power LED
4. Voltage correction LED
5. Battery warning LED
6. Battery charge LED's
7. Mute/test button
8. Battery compartment

NA/JPN Model Rear Panel

1. Voltage configuration DIP switches
2. Serial communications port
3. USB communications port
4. Option slot (covered until future option available)

5. Network Transient Protector IN jack

6. Network Transient Protector OUT jack
7. Site Wiring Fault LED
8. Input power cord with NEMA 5-15 plug
9. Three NEMA 5-15 output receptacles for surge-only protection
10. Three NEMA 5-15 output receptacles for surge and battery backup protection

QuickSpecs

Overview

International Model Rear Panel

1. Voltage configuration DIP switches

2. Serial communications port
3. USB communications port

4. Option slot (covered until future option available)

5. Network Transient Protector IN jack

6. Network Transient Protector OUT jack
7. Input power receptacle (IEC-320-C-14) for country specific cord attachment
8. Six IEC-320-C13 Output receptacles for surge and battery backup protection

Models

HP T750 UPS, Low Voltage (NA/JPN)	378439-D71
HP T750 UPS, High Voltage (INTL)	378439-B31

Key Features

- Back up power up to 750 VA / 500 watts power rating
- USB and serial connections provides increased customer choice
- Easy to use front panel display
- Intelligent manageability with free HP Power Management software
- Line interactive topology
- Sine wave output
- Long-term battery reliability with HP Enhanced Battery Management
- Hot-Swappable battery
- Network Transient Protection
- Communications port for data exchange with the host computer
- Backed by a three year warranty, with the first including parts and labor. HP's Pre-Failure warranty, and a $250,000 load protection guarantee.
  (NOTE: Certain restrictions and exclusions apply).

QuickSpecs

Standard Features

Power Rating	Rated at 750VA/500W, the HP T750 UPS provides more power than most UPSs in the 700VA range.
Front Panel Display	The T750 has an easy to use front panel display. There are nine LED status display buttons. One each for Power LED, Voltage correction LED, and Battery warning LED. Three each for Output load level LED and Battery charge LED.
Intelligent Manageability	HP Power Management Software, an integrated component of HP Systems Insight Manager, the industry-leading hardware management platform, is included free with every the HP T750 UPS. The HP Power Management Software enables you to monitor and control HP UPSs locally or remotely. This software is a versatile, fully 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, customize alert messages, and perform UPS diagnostic checks quickly and easily.
Ease if Maintenance with Hot-Swappable Battery	HP UPSs are designed with simple access through the front panel. Users can safely install new battery without ever powering down connected computer equipment.
Output Receptacles	The low voltage (NA/JPN) models have six 5-15R receptacles, while the high voltage (INTL) model has six IEC 320 C13 receptacles.
HP Quality	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.
Warranty	The HP T750 UPS is covered by a three year warranty, with the first year including parts and labor. Also, standard on all HP UPS units is our exclusive Pre-Failure Warranty which extends the advantage of a HP three-year, limited warranty by applying it to the battery before it actually fails. This warranty is offered worldwide. Specifically, the Pre-Failure Battery Warranty ensures that when customers receive notification from HP Power Management Software that the battery may fail, the battery is replaced free of charge under the warranty.

Service and Support, HP Care Pack, and Warranty Information

Service and Support Offerings (HP Care Pack Services)	Hardware Installation	
	Hardware Installation (Electronic)	U4690E

HP Care Pack Services provide a range of life cycle support options that let you choose the service levels that meet your business requirements, from basis 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.

HP T750 UPS Model Selection Matrix

Part Number	Nominal Input Voltage Settings	Power Out (VA/Watts)	Input Connection	Output Connection	Load Segments
Low-Voltage Models					
378439-D71 (NA/JPN)	120V	750/500	Attached 6 ft power cord with NEMA 5-15P	(6) 5-15R	1
	NOTE: Part Number 378439-D71 is user selectable for 100V, 110V, or 120V via rear panel. 120V is the default setting.				
High Voltage Model					
378439-B31 (INTL)	230V	750/500	IEC 320 input connector	(6) IEC 320 C13	1
	NOTE: Part Number 378439-B31 is user selectable for 220V, 230V, or 240V via rear panel. 230V is the default setting.				
Kit Contents	HP T750 UPS Power Products Documentation CD 6 ft UPS to computer interface cables (1 for Serial communication port and 1 for USB communication port) **NOTE:** The HP Power Manager Software is available from the HP website (HTTP://WWW.HP.COM/PRODUCTS/UPS) at no cost. **NOTE:** The INTL model includes 2 IEC to IEC power cords in addition to the above.				
Unit Dimensions (WxHxD)	6.6875 x 10.1875x 8.875 in (16.98625 x 25.87625 x 22.5425 cm)				
Shipping Dimensions	13.25 x 9.75 x 13.75 in (33.65 x 24.765 x 34.925 cm)				
Unit Weight	30 lb (13.60777 kg)				
Shipping Weight	32 lb (14.51496 kg)				

Estimated Backup Times

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

Battery Runtime (fully charged batteries)

The specification indicates a full load runtime of 4 minutes, 36 seconds (battery fully charged).

Load		Estimated Runtime
Percent	Watts	All Models
20	100	45 minutes
50	250	15 minutes
80	400	6 minutes
100	500	4.6 minutes
		Observed runtimes:
100% load		5 minutes,15 seconds
80% load		7 minutes, 20 seconds
50% load		18 minutes, 15 seconds
20% load		57 minutes, 15 seconds
Compatibility	Compatible with all HP computers, workstations and entry-level servers, and other HP equipment with power requirements of up to 750 VA/500W.	

Technical Specifications

Electrical Input	Voltage Range	100, 120 and 230V models. See Model Selection Matrix for nominal and user selectable voltage settings
	Frequency	50/60 Hz
	Input Plug	See Model Selection Matrix
	Online Efficiency	95%
	Surge Suppression	High Energy 6500A peak
Electrical Output	Online Regulation	-10% to +6% of nominal voltage
	On battery Regulation	±5% of nominal voltage
	Voltage Wave Form	Sine wave
	Connections	See Model Selection Matrix; divided into 3 Load Segments
Battery	Type	Maintenance-free, sealed, valve-regulated lead acid (VRLA)
	Recharge Time	<4 hours to 90% usable capacity; <24 hours for complete recharge
Communications	USB and Serial Ports	Standard communication port
	LED Indicators	10 LED status display button controls (Online, On Battery, Replace Battery, Overload Indicators, Site wiring fault)
Environmental and Safety	Operating Temperature	50° to 104° F (10° to 40° C)
	Transit Temperature	-13° to 131° F (-25° to 55° C)
	Storage Temperature	32° to 77° F (0° to 25° C)
	Humidity (Operating)	20% to 80% (non-condensing)
	Humidity (Non-operating)	5% to 95%
	Operating Altitude	Up to 6,562 ft (2000 m) above sea level
	Transit Altitude	UP to 30,000 ft (9,144 m) above sea level
	Audible Noise	Less than 46db
	Safety Markings	FCS, UL, c-UL, , , , DEMKO-GS, , NOM
	Safety Certifications	UL1778-3rd edition; CSA22.2
	Surge Suppression	Conforms to IEEE 587B and ANSI C62.41

Environment-friendly Products and Approach	End-of-life Management 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.

Technical Specifications