IBM

IBM Uninterruptible Power Supply Solutions for Tower Servers

The IBM UPS1500T, available in 100V, 120V, and 230V products

Highlights

- **Three models at three VA points---750VA, 1000VA, and 1500VA---offers protection for the full range of IBM@server™ xSeries® tower servers and IntelliStation® workstations**

- **Hot-swap batteries help increase server uptime**

- **Units feature an open Smart Slot for adding greater functionality to the UPS**

- **UPS1000T and 1500T offer surge protection for LAN and telephone connections for a comprehensive power protection solution**

- **Protect up to eight devices with the UPS1000T and 1500T**

- **Higher power factors than previous models deliver more "real power" and longer battery run times during power outage**

- **Enjoy IBM service, worldwide support and three-year limited onsite warranty[1]**

Enterprise-level power protection at the deskside

Enterprise-level power protection and features are now available for the deskside user with the introduction of the IBM line of uninterruptible power supply (UPS) offerings designed for tower servers and high-end workstations.

Now, you can increase the availability and reliability of your business-critical data with the addition of one of these new UPS products. Three unique VA or power levels means you can choose the right protection and price point to fit your needs.

Designed by IBM to meet customer requirements for high availability and cost-effective power management, these IBM UPS products deliver more features and better performance at a lower price per watt than previous UPS models offered by IBM. Plus, the IBM UPS1000T and UPS1500T offer the added peace of mind of surge protection for network and telephone connections.

Get it **now**

go to **ibm.com**/eserver/xseries or call 1 888 **ShopIBM**
to buy direct or to locate an IBM reseller.

Following in the footsteps of the IBM UPS3000X, the first xSeries UPS to carry the IBM brand, the IBM UPS tower family provides the benefits of IBM's renowned service and worldwide support, plus an industry-leading set of innovations and features that are available exclusively from IBM.

Designed for high availability

These innovative UPS products incorporate design advances that boost uptime and simplify management. IBM UPS tower units deliver full-time surge suppression, automatic voltage regulation and noise filtering.

Enterprise-level management

Each UPS ships standard with PowerChute Business Edition for IBM, a suite of powerful and easy-to-use management software that allows users to take control of their solutions. Integrated with IBM Director server management software, PowerChute

Business Edition for IBM makes implementing an end-to-end power protection solution easier than ever. Whether you are controlling your UPS via a serial or USB connection, the IBM UPS family puts you in charge.

UPS750T

The entry product in the IBM tower line, this UPS delivers all the same features as higher-end products at a reasonable price. Six outlets enable you to power and protect multiple devices.

UPS1000T

This model offers all the same features as the UPS750T with the added benefit of two additional outlets, for a total of eight outlets. Plus, the UPS1000T is the first UPS in the line to offer full-time surge protection for LAN and telephone connections.
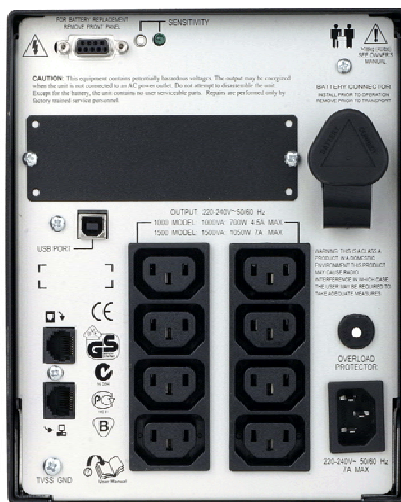
UPS1500T

The premier tower unit in the product line, this unit provides more than 1000W of power and extremely long run times during a power crisis. The UPS1500T has enough power to support any of the xSeries tower servers or IntelliStation models available today.

Wordwide product offering

All three IBM UPS tower units are available in three distinct versions—100V, 120V or 230V—for use around the world. Your local IBM representative can assist in choosing the version right for you.

A powerful partnership

As with the IBM UPS3000X, the new IBM tower products are designed by IBM and manufactured to our demanding specifications by American Power Conversion (APC), a worldwide leader in power management and our longtime power management provider. This means you get IBM service, support, warranty[1] protection and years of experience along with APC's knowledge of UPS manufacturing and management software.

Rear view, IBM UPS1500T (230V shown)

IBM Tower UPS family at a glance

Model	IBM UPS750T	IBM UPS1000T	IBM UPS1500T
Form Factor	Tower	Tower	Tower
Input frequency	47/63Hz (auto adjusting)	47/63Hz (auto adjusting)	47/63Hz (auto adjusting)
Efficiency	Online: 95%; on battery: 98%	Online: 95%; on battery: 98%	Online: 95%; on battery: 98%
Connections for management	USB, serial	USB, serial	USB, serial
Software included	PowerChute Business Edition for IBM, PowerChute Network Shutdown for IBM		
Software support	Microsoft® Windows NT® 4.0, Windows® 2000, Windows XP, Novell NetWare 6.0, Red Hat Linux 7.3		
Battery backup times	• Full load: 6 minutes • Half load: 12 minutes	• Full load: 9 minutes • Half load: 18 minutes	• Full load: 7 minutes • Half load: 16 minutes
Weight	19.1kg (42 lbs)	19.1kg (42 lbs)	24.1kg (53lbs)
Dimensions (HxWxD)	21.6x17.0x43.4cm 18.5x6.7x17.3in	21.6x17.0x43.4cm 18.5x6.7x17.3in	21.6x17.0x43.4cm 18.5x6.7x17.3in
Color	Black	Black	Black
Warranty[1]	3-year limited onsite warranty provided worldwide by IBM		
General features	Serial or USB connections for management; open Smart Slot; hot-swap batteries; Cell Guard intelligent battery management; overload indicator; replace-battery indicator; site wiring fault indicator (LV only); automatic voltage regulation (AVR); status indicator LEDs		
Environmental	Temp: 0-40C (32-104F): relative humidity: 0-95%; altitude (max): 3000m (10,000ft)		
Configuration aid	IBM @server xSeries Rack Configurator at **ibm.com**/pc/us/eserver/xseries/library/configtools.html		
Approvals	FCC, UL 1778, CSA C22.2 Number 950, NOM, CE-Mark (EN55022 Class A), C-Tick Mark (AS/NZS 3548 Class A), VDE EN50091-1-1 and 60950, GOST		
Ship group components	2m UPS serial cable, 2m USB cable, documentation and software CDs. UPS1000T and UPS1500T include 2m CAT5 LAN cable and 2m telephone cable.		

IBM Tower UPS low- and high-voltage models

Model	IBM UPS750TLV	IBM UPS1000TLV	IBM UPS1500TLV	IBM UPS750THV	IBM UPS1000THV	IBM UPS1500THV
Part number	21301TX	21303TX	21305TX	21302TX	21304TX	21306TX
Rated output	• 110-127V; nominal 120V • 750VA, 500W	• 110-127V; nominal 120V • 1000VA, 700W	• 110-127V; nominal 120V • 1320VA @ 110V; 1050W • 1440VA @120V; 1050W • 1500VA @127V; 1050W	• 220-240V; nominal 230V • 750VA, 500W	• 220-240V; nominal 230V • 1000VA, 700W	• 220-240V; nominal 230V • 1500VA, 1050W
Input Information	• Fixed 2m (6ft) line cord • Nema 5-15P	• Fixed 2m (6ft) line cord • NEMA 5-15P	• Fixed 2m (6ft) line cord • NEMA 5-15P	IEC 309-C14	IEC 309-C14	IEC 309-C14
Outlets	6 NEMA 5-15R	8 NEMA 5-15R	8 NEMA 5-15R	6 IEC 309-C13	8 IEC 309-C13	8 IEC 309-C13

Battery run times[2] for the IBM UPS Tower units

Power	UPS750T	UPS1000T	UPS1500T	UPS3000X (rack or tower UPS)
30W	1.8 hr	3.7 hr	4.5 hr	4.4 hr.
60W	57 min.	21. hr	2.6 hr	2.2 hr.
120W	24 min.	1.1 hr	1.3 hr	1.3 hr.
180W	18 min.	41 min.	51 min.	54.8 min.
250W	13 min.	29 min.	37 min.	37.2 min.
310W	10 min.	23 min.	28 min.	25.6 min.
380W	7.7 min.	18 min.	22 min.	18.1 min.
450W	6.4 min.	15 min.	18 min.	13.9 min.
510W		12 min.	15 min.	11.7 min.
580W		11 min.	13 min.	9.2 min.
650W		9.2 min.	11 min.	7.2 min.
740W			9 min.	6.6 min.
940W			7.4 min.	5.9 min.
1800W				6.8 min.
2100W				5.9 min.
2500W				4.7 min.

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