



About CyberPower

Founded in 1997, CyberPower has followed a path to success through innovative design and high quality standards in power protection products and computer accessories. Since its beginning in the retail industry, CyberPower becomes a dominant player in the telecommunication industry and one of the fastest growing power protection manufacturers in the IT distribution industry.

Today, millions of satisfied customers rest assured that CyberPower products are protecting and powering their equipment. This assurance is backed by CyberPower's ISO 9001 certification, which ensures the manufacturing is of the highest international standard.

CyberPower is focused on providing a broad line-up of high quality power protection products, including: uninterruptible power supply (UPS) units, power distribution units (PDUs), inverters, converters, surge suppressors, power management software, and computer accessory products that are engineered to deliver unsurpassed value to customers. With distribution and support offices in North America, South America, Europe, and Asia, CyberPower excels in leveraging its global perspective to deliver efficient logistics and high-level customer service.



A True Manufacturer

CyberPower products are manufactured in state-of-the-art, company-owned facilities. CyberPower has continuously invested in new equipment and innovative technologies to ensure a continuing role as a world-class manufacturer of power protection products.

By wholly-owning its manufacturing facilities, CyberPower maintains strict quality control throughout the entire manufacturing process—from initial product concept through final design, production, and distribution. This commitment to excellence throughout the entire manufacturing process ensures the highest level of quality and speed-to-market. CyberPower customers can expect an unprecedented selection of high quality, feature-rich and reliable power protection products from a company that strives to consistently and continuously deliver state-of-the-art technology.





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Commitment to Excellence

Reliability. Quality. Value.

The award-winning CyberPower engineering team includes experts in the areas of software, mechanical, electrical, and firmware who have been delivering world-class power protection product technologies for more than a decade. CyberPower is committed to continually delivering the engineering excellence and high-quality manufacturing practices, which produce reliable, innovative power protection products that are of unsurpassed value to CyberPower customers.

CyberPower engineering quality assurance standards:

- · State-of-the-art Production Equipment
- High Volume/Mass Production
- ISO 9001 Certification
- · International Green IT Leadership: RoHS and WEEE compliant
- ISO-14001 and IECQ QC080000 HSPM Certifications
- · Strict Component Inspection
- Quality Assurance
- TL9000 Certification
- · R&D Engineering Support
- · Procurement/Supplier Management

International Green IT Leadership

CyberPower has instituted an integrated approach to developing Green IT business practices that promote efficiency and excellence at every level in the company. For example, CyberPower has patented GreenPower UPS™ energy-saving technology, is a member of the Climate Savers Computing Initiative, and uses environmentally-friendly packaging practices. Additionally, CyberPower has implemented the Restriction on Hazardous Substances (RoHS) and Waste Electrical and Electronic Equipment (WEEE) protocols, and is certified in the internationally recognized ISO 14001 and IECQ QC080000 HSPM standards.

Best-in-Class Products and Ongoing Growth

CyberPower is positioned to be one of the fastest growing power protection companies in the world by providing our customers:

- · Innovative, world-class engineering and production
- · Fast, friendly technical support
- · Efficient logistics and quick shipping
- · Quality products backed by industry-leading warranties and connected equipment guarantees

To learn more about how your company can partner with CyberPower to create new profits and growth in power protection today, contact sales@cpsww.com, 1-877-297-6937, or visit us online at www.cpsww.com.

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Smart App SINEWAVE Series

Pure Sinewave & GreenPower UPS Technology

The Smart App Sinewave UPS Series provides an advanced level of Pure Sinewave power protection to support mission-critical servers, telecom equipment, VOIP, and internetworking hardware. Pure Sinewave technology, combined with AVR line conditioning stabilizes AC output voltage to provide consistent, stable power that protects connected equipment and prevents costly business interruptions.

The included PowerPanel® Business Edition software provides comprehensive network power management for corporate servers and critical workstations supported by UPSs, including: application/OS shutdown, event logging, reporting, alerts, and notifications. These units are also SNMP/HTTP capable for remote management applications.



Designed for

- · Corporate and Departmental Servers
- · Telecommunication Equipment
- · Professional Audio/Video Systems
- PBX and VOIP Installations
- · Internetworking Hardware
- Network Appliances
- CAD/CAM Workstations
- · Complex Surveillance and Security Systems
- · Switches, Routers, Hubs, Firewalls, Wireless Equipment

Key Features

- Multifunctional LCD: The rotating LCD Readout provides multifunctional battery and power condition information, regardless of tower or rackmount orientation.
- B Remote Management: The optional card provides SNMP/HTTP remote management capabilities.
- © Extended Backup Time: Increase UPS backup time by connecting Extended Life (XL) battery packs. Select models only.
- Emergency Power-Off (EPO) ports: Provides connectivity to EPO installations.









Series Features

- · Pure Sinewave Output
- Multifunction LCD Readout*
- · Automatic Voltage Regulation (AVR)
- PowerPanel® Business Edition Software
- · SNMP/HTTP remote management option
- · EMI/RFI Noise-filtering
- Automatic unattended shutdown/restart
- 1U Rack, 2U Rack/Tower convertible configurations available
- · Protected On/Off switch*

- Line-Interactive UPS topology
- GreenPower UPS™ Technology*
- Supports Power Factor Correction (PFC) power supplies
- RJ11/RJ45/Coax dataline surge protection*
- · Extended Life (XL) models available
- · Hot-swappable battery packs
- Dual Serial Ports and USB connectivity*
- Emergency Power Off (EPO) port*
- Front-panel LED display*

*=select models

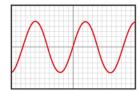
Pure Sinewave Battery Output

The Smart App Sinewave Series provides mission-critical equipment with the highest level of line clarity - Pure Sinewave.

Distorted power and power anomalies, such as harmonics, high voltage transients, and surges, while not as obvious as blackouts, can cause serious equipment performance and reliability problems. When incoming power is abnormal, the Smart App Sinewave models deliver smooth, sinewave battery output, which ensures equipment continues to operate optimally. Pure Sinewave power is required for an increasing number of electronics that utilize power factor correction (PFC) power supplies.

Pure Sinewave Benefits:

- · Servers: Operate to optimal specifications.
- Electronic equipment: Extends equipment life (such as VOIP, PBX) by running cooler and more efficient.
- Telecommunications: Eliminates disrupting static, or hum in telecommunication equipment.
- Sensitive electronics: Operate properly and retain settings.
- Commercial/Professional Audio/Video: Power noise is eliminated, removing lines in television screens and hum in sound systems.



Simulated sinewave output produces a sinewave that is "stepped" or modified, while Pure Sinewave output produces a sinewave that is similar to normal AC wall power.

Multifunction LCD Readout







Input Voltage
 Output Voltage
 Output Frequency*

Output Frequency
 Overload
 Wiring Fault*

LCD Display Information:

• Load/Current Level

• Runtime

Silent Mode Normal Operation
 Static Frequency Tolerance*

• Slew Rate

Battery Shutdown Voltage*Temperature (F and C)*

* = 2U units only



The rotatable LCD readout provides immediate, detailed information about the status of UPS battery and power conditions. Also, advanced settings can be configured using the push button to alert you to potential power problems before they affect your equipment.

Model	Form	Topology	LCD	AVR	VA	Watts	Outlets	RJ11/45	USB	SNMP/HTTP	Software	Guarantee
PR750LCDRM1U	RM	Sinewave	1	1	750	560	6		/	/	/	\$400k
PR1000LCDRM1U	RM	Sinewave	1	/	1000	750	6		/	/	/	\$400k
PR1000LCDRT2U	RM/T	Sinewave	1	1	1000	700	8	/	/	/	/	\$400k
PR1500LCDRT2U	RM/T	Sinewave	1	1	1500	1000	8	1	1	/	/	\$400k
PR2200LCDRT2U	RM/T	Sinewave	/	1	2170	1600	8	/	/	/	/	\$400k
PR3000LCDRT2U	RM/T	Sinewave	1	1	3000	2250	9	1	1	/	1	\$400k
PR1000LCDRTXL2U	RM/T	Sinewave	1	1	1000	700	6	/	/	/	/	\$400k
PR1000LCDRTXL2Ua	RM/T	Sinewave	1	/	1000	750	8	/	/	/	/	\$400k
PR1500LCDRTXL2U	RM/T	Sinewave	1	/	1500	1125	8	/	/	/	/	\$400k
PR2200LCDRTXL2U	RM/T	Sinewave	1	1	2150	1650	8	1	1	1	/	\$400k
PR3000LCDRTXL2U	RM/T	Sinewave	1	/	3000	2400	7	/	/	/	/	\$400k
PR5000LCDRTXL5U	RM/T	Sinewave	1	1	5000	4000	5	1	/	1	1	\$400k
PR6000LCDRTXL5U	RM/T	Sinewave	1	/	6000	4500	5	/	/	/	/	\$400k
PR1500SWRM2U	RM/T	Sinewave	-	1	1500	1000	6	1	-	1	/	\$400k
PR2200SWRM2U	RM/T	Sinewave	-	/	2200	1500	6	/	-	/	/	\$400k
PR3000SWRM2U	RM/T	Sinewave	-	1	3000	2200	7	1	-	/	/	\$400k
PP800SW	T	Sinewave	-	/	800	550	7	/	/	/	/	\$350k
PP1100SW	T	Sinewave	-	1	1100	700	7	/	/	1	1	\$350k
PP1500SWT2	т	Sinewave		/	1500	1000	7	/	/	/	/	\$350k
PP1500SWT4	T	Sinewave		1	1500	1000	8	/	/	1	/	\$350k
PP2200SW	т	Sinewave		/	2200	1500	8	/	/	/	/	\$350k













Smart App SINEWAVE Series

Pure Sinewave & GreenPower UPS Technology



PR750LCDRM1U / PR1000LCDRM1U



PR1000LCDRT2U / PR1500LCDRT2U / PR2200LCDRT2U



- 1 Extended Runtime (XL) Battery Connector
- 2 Battery Backup and Surge Protected Outlets
- 3 Surge Protected Outlets
- 4 Critical Load Outlets
- 5 Emergency Power-Off (EPO) Port
- 6 Outlet Circuit Breakers
- Serial Port(s)
- 8 External Site Ground

- Resettable Circuit Breaker
- RG6 Coax Protection Ports
- RJ11/RJ45 Protection Ports
- **USB Port**
- Wiring Fault Indicator
- Cooling Fan
- Remote Management Expansion Port
- 16 Input Power Cord

UPS Extended Runtimes (XL)

The Smart App Sinewave LCD models accommodate multiple external battery packs that can be easily connected. For detailed information on additional XL models, go to www.cpsww.com or contact our Sales Department at 1-877-297-6937.

UPS XL Runtimes (Nominal time in minutes at Half / Full loads)

Model	PR1000LCDRTXL2U	PR1000LCDRTXL2Ua	PR1500LCDRTXL2U	PR2200LCDRTXL2U	PR3000LCDRTXL2U
UPS (Stand Alone)	32/11	39/18	24/9	14/5	8/3
UPS + 1 Battery pack	131/50	136/62	101/38	65/22	36/13
UPS + 2 Battery packs	236/95	248/112	185/69	125/43	68/25
UPS + 3 Battery packs	347/141	364/164	278/114	185/64	104/39
UPS + 4 Battery packs	458/188	474/206	378/140	245/89	136/51



PP1100SW

Remote Management Capabilities

The Smart App Sinewave Series includes full-featured network UPS management capabilities using the included PowerPanel® Business Edition software suite or an optional SNMP/Network management card. These remote management tools enable centralized remote management, monitoring, UPS control, and server/desktop shutdown via a Web Browser or network management system (NMS). Moreover, the included PowerPanel® Business Edition software suite enables an administrator to remotely manage, monitor, control, and configure the UPS and server/computer shutdowns.



PowerPanel® Business Edition (see page 25 for details)

Remote Management Benefits:

- · Remote management and configuration of the UPS via Web Browser, or network management system (NMS)
- · Alert Notification options: Email, SMS, Windows Messenger, SNMP, and XMPP
- · Protocols Supported: TCP/IP, UDP, SNMP, HTTP, BOOTP, and DHCP
- · 10Mbps Ethernet compatible
- · PowerPanel® Business Edition software provides comprehensive network power management for corporate servers and critical workstations supported by UPSs. including: application/OS shutdown, event logging, reporting, alerts, notifications, and remote management

- RMCARD201
 - · Automatic events notification via SNMP Trap
 - · Flexible Event Action setting
 - · Auto-shutdown prevents server and
 - workstation data loss due to power failure · Remote scheduling of UPS shutdown,
 - startup, and reboot · Event logging to record the history of UPS operations
 - · Quick installation and user-friendly interface

Convertible Rack/Tower Configuration

The SmartApp Sinewave 2U units can be can be easily installed in a two-post rack system or inserted into the tower stand for vertical positioning. These mounting options are perfect for organizations that require maximum flexibility. All units ship with removable rackmount hardware and base stands.



Critical Load Outlets



PR750LCDRM1U/PR1000LCDRM1U

All Smart App Sinewave LCD models feature critical load outlets that transfer battery power reserves to specified outlets during a power overload.

An administrator can easily prioritize and protect their most valuable equipment and data. Equipment connected to the critical load outlets will continue functioning on battery power when utility power is not adequate to power all connected equipment.

Smart App Sinewave models with critical load outlets include all PR and PR LCD models and the PP1500SWT4 model.













Smart App SINEWAVE Series

Pure Sinewave & GreenPower UPS Technology

Conserve Rack Space

The space-saving 1U Smart App Sinewave Series UPS units provide the most feature-rich, low maintenance 1U battery backup available. In addition to long battery runtime and reliability, these Pure Sinewave LCD units (PR750LCDRM1U, PR1000LCDRM1U) feature a multifunction LCD readout, true sinewave power protection, and energy cost-reducing GreenPower UPS™ technology. These rugged, but slim 1U UPS models enable users to conserve rack space and costs, while maintaining advanced power protection for mission-critical equipment.

Technical Specifications: PR LCD models PR3000LCDRT2U PR1000LCDRTXL2U PR1000LCDRTXL2Us PR1500LCDRTXL2U PR2200LCDRTXL2U PR3000LCDRTXL2U PR Capactity(VA) 750 1000 1000 1500 2170 3000 1000 1000 1500 2150 3000 5000 6000 Capactity(Watts) 2250 700 750 4000 4500 Pure Sinewave, Line-Interactive/Automatic Voltage Regulation(AVR) Bypass Topology Energy-saving Technology GreenPower UPS™ Bypa Input Input Voltage Range (adjustable) 131 Vac-268 Vac 80Vac~150Vac Frequency Range 47Hz - 63Hz Input Plug Type NEWA 5-15F NEMA 5-20P NEWA 5-30P NEWA 5-15P NEMA 5-20P NEMA 5-30P NEWAL6-30P Output (8)NEWA 5-15/20R (8)NEMA 5-15R UPS Output (6)NEMA 5-15R (6)NEMA 5-15R (8)NEMA 5-15R (8)NEMA 5-20R (8)NEMA 5-15R (8)NEMA 5-20R (2)NEMA L6-20R, (3)NEMA L6-30R (1) L5-30R (1)L5-30R On Battery Output Voltage Pure Sine Wave at 120Vac +/- 5% Pure Sinewave at 208Vac +- 5% On Battery Output Frequency Transfer Time (Typical) On Utility: Circuit Breaker, On Battery: Internal Current Limiting Overload Protectio Dataline Protection 1,874 Joules 2,060 Joules 2430 Joules Surge Suppression Phone Network Protection RJ11/RJ45 (One In/One Out) Cable/ Coax Protection RG-6 (One In/One Out) NΑ EM/RFI Fitration Yes Battery Specifications (4) 6V / 9AH (4) 12V / 7AH (4) 12V / 9AH (4) 12V / 7AH (4) 12V / 9AH (16) 12V / 9AH Sealed, Maintenance Free User Replaceable Yes, and Hot-Swappable Runtime Half-load(mins) Full-load(mins) 3.5 18 Status Indicators Readouf Load Level Runtime Battery Level Battery in Use Input Voltage Output Voltage Overload Silent Mode Normal Mode Temperature IF & CI**, Battery Shutdown Voltage**, Static Frequency Tolerance**, Siew Rate* Multi-function LCD Indicator LEDs Power On, Wwiring Fault Power On Audible Alarms On Battery, Low Battery, Overload Self Test, Auto-Charge, Auto-Restart On-Device Features Connectivity Ports (1) HID USB, (1) Serial, (1) EPO (1) HID USB, (2) Serial (RS232, Dry Connector), (1) EPO SNMP.HTTP Capable Yes, with optional RMCARD201 Software PowerPaner® Business Edition Power Management Software Physical Dimensions(LyWkH\(in)) 17.25" x 19.5" x 1.75" 17.25° x 15.75° x 3.5° 17.25° x 19.5° x 3.5° 17.25° x 15.75° x 3.5° 1725° x 195° x 35° 235" x 24.25" x 3.5" 17" x 25.25" x 8.75" Weight(b) 70 Safety Conformance Approvals UL1778, CSA C22.2 No. 107.3-05, FCC DOC Class B UL1778, CSA C22.2 No. 107.3-05, FCC DOC Class A ROHS ROHS Compliant Warranty Product Warranty 3 Years Limited Connected Equipment Guarantee

^{** = 2}U units only

EXTERNAL BATTERY PACK MOD	ELS BP48V45ART2U	BP48V75ART2U	BPL48V75ART2U					
UPS Compatibility	PR1000LCDRTXL2U	PR1000LCDRTXL2Ua, PR1500LCDRTXL2U, PR2200LCDRTXL2U, PR3000LCDRT2U	PR3000LCDRTXL2U					
Voltage	48V	48V	48V					
Battery	(8) 12V/7AH	(8) 12V/9AH	(12) 12V/9AH					
Dimensions (LxWxH) (in)	2U Rack, 17.25" x 15.75" x 3.5"	2U Rack, 17.25" x 19.5" x 3.5"	2U Rack, 17.25" x 23.6" x 3.5"					
Weight (lbs)	62	70	96					
Product Warranty 3 Years Limited								

Note: Specifications are subject to change without notice as we continuously strive to improve our products



Emergency Power-Off Port (EPO)

CyberPower UPS systems with Emergency Power Off (EPO) ports gives administrators the capability to connect the UPS to existing EPO installations. These installations give operators a single access point to immediately power-off all equipment in a room or building. This is essential when protecting vital equipment from water damage, excess heat, security breaches, or catastrophic failures. CyberPower EPO circuity complies with Underwriters' Laboratories (UL) EPO standard 1778, and is available on all Smart App Sinewave LCD UPS systems.

Model	PR1500SWRM2U	PR2200SWRM2U	PR3000SWRM2U	PP800SW	PP1100SW	PP1500SWT2	PP1500SWT4	PP2200SW			
Configuration											
Capacity (VA)	1500	2200	3000	800	1100	1500	1500	2200			
Capacity (Watts)	1000	1500	2200	550	700	1000	1000	1500			
Topology			Pure Sinewave, Line	e-Interactive / Automa	atic Voltage Regulation	n (AVR)					
Energy-saving Technology				N	I/A						
Input											
Input Voltage Range				85Vac -	150Vac						
Frequency Range				47Hz -	- 63 Hz						
Input Plug Type	NEMA 5-15P	NEMA 5-20P	NEMA L5-30P		NEMA 5-15P		NEMA 5-15P	NEMA 5-20P			
Output											
		(4) NEMA 5-15R	(4) NEMA 5-15R					(6) NEMA 5-15F			
UPS Outlets	(6) NEMA 5-15R	. ,	(2) NEMA 5-20R		(7) NEMA 5-15R		(8) NEMA 5-15R	(-,			
		(2) NEMA 5-20R	(1) NEMA 5-30R					(2) NEMA 5-20F			
On Battery Output Voltage		↑, Pure Sinewave at 120Vac +/- 5%									
On Battery Output Frequency				50Hz/60H:	z +/- 0.1Hz						
Transfer Time (Typical)				4r	ms						
Overload Protection		Internal Circuitry Limiting / Circuit Breaker									
Dataline Protection				,	•						
Surge Protection		1.780 Joules				1.796 Joules					
Phone / Network Protection		RJ11/RJ45 (One-In / One-Out)									
Cable / Coax Protection	NA										
Battery											
Specifications	(4) 12V/7AH	(4) 12V/9AH	(8) 12V/7AH	(2) 12V/8AH	(2) 12V/10AH	(2) 12V/10AH	(4) 12V/7AH	(4) 12V/9AH			
Sealed, Maintenance Free	(1) 12411741	(1) 12 07 07 01	(0) 12411141	17	es	(2) 12 97 107 01	(1) 12477741	(1) 12110101			
User Replaceable	Ye	s (Hot-swappable batt	eries)		••	Yes					
Runtimes	10	o (not onopposo out	onooj			100					
Half-load (mins)	15	12	12	19	18	11	15	12			
Full-load (mins)	5	4	4	7	7	3	5	4			
Status Indicators		,	-	,		3	,	,			
Multifunction LCD Readout				N	/A						
Indicator LEDs	Pause On	Using Battery, AVR, V	Mana Fault		VA		Dawer On Heine	Battery, AVR, Wirin			
Indicator LEDS		, Using Battery, AVR, 1 pad Level, Battery Lev		Power C	On, Using Battery, Boo	st, Buck		vel, Battery Level			
Audible Alarms		,,		On Battery Low	Battery, Overload			,,			
Management				0.1.00.001, 2011	2011013, 01011000						
On-Device Features				Self Test Auto-Ch	narge, Auto-Restart						
Connectivity Ports	(2) Se	erial (RS232, Dry Con	act)	00111001,71010 01		(1) HID USB. (1) Serial					
SNMP/HTTP Capable	(2) 0	ond (Nozoz, Di) oon	wwy	Yes with ontion	nal RMCARD100	(1) 1110 000, (1) 001101					
Software				res, war open	al Tallora (D 100						
Power Management Software				PowerPanel® B	usiness Edition						
Physical				TOWERT BRICE D	dollioso Editori						
Dimensions (LxWxH) (in)		17.25" x 15.75" x 3.5"			12.5" x 5.5" x 7.25"		16.5" x 1	7" x 9 5"			
Weight (lbs)	58	71	122	29	32	34	56	69			
Safety	30	/1	144	23	JE.	34	30	03			
Conformance Approvals				UL1778, cUL, F0	CC DOC Class P						
Warranty				JL1770, CUL, PC	DO DOO GIASS B						
Product Warranty				2 V	Limited						
Product Warranty	3 Years Limited \$400,000 \$350,000										

Note: Specifications are subject to change without notice as we continuously strive to improve our products.













Smart App ONLINE Series

Pure Sinewave Output & Zero Transfer Time

The Smart App Online UPS Series is perfectly suited for safeguarding mission-critical systems that require Pure Sinewave power protection. With zero transfer time, A Smart App Online UPS system provides consistent and seamless Pure Sinewave power for your enterprise network equipment. For maximum flexibility, increase UPS backup time by connecting Extended Runtime (XL) battery packs. All units feature SNMP/HTTP remote management capabilities. Utilize PowerPanel® Business Edition software to control your Smart App Online UPS with features that include: application/OS shutdown, event logging, internal reports, analysis and remote management.



Designed for

- · Corporate Data Centers
- · Corporate and Departmental Servers
- · PBX, and VOIP Installations
- · Internetworking Hardware
- Network Appliances
- Critical Financial Systems
- · Complex Surveillance and Security Systems
- Switches, Routers, Hubs, Firewalls, and Wireless Equipment
- · CAD/CAM Workstations
- Storage
- · Server Consolidation

Key Features

- A Emergency Power-Off (EPO) ports: Provides connectivity to EPO installations.
- B Remote Management: The optional card provides SNMP/HTTP remote management capabilities.
- C LED Indicators: Monitor UPS status information.
- Extended Runtime (XL) Battery Packs: Increase UPS backup time by connecting Extended Life (XL) battery packs.









Series Features

- Online Double Conversion UPS
- · Pure Sinewave Output
- · Extended runtime (XL) battery packs available
- · AS400 compatible (optional)
- · Automatic bypass function
- Built-in Emergency Power Off (EPO) port
- · Automatic unattended shutdown/restart
- 2U Rack/Tower convertible
- Supports Power Factor Correction (PFC) power supplies
- · Zero Transfer Time to Battery
- · PowerPanel® Business Edition software
- · SNMP/HTTP remote management option
- · Front-panel LED Display
- · Programmable outlet control
- · Hot-swappable battery packs
- · Harmonic / Frequency Correction Filters
- · Protected On/Off switch

Remote Management Capabilities

The Smart App Online Series includes full-featured network UPS management capabilities using the included PowerPanel® Business Edition software suite or an optional SNMP/Network management card. These remote management tools enable centralized remote management, monitoring, UPS control, and server/desktop shutdown via a Web Browser, or network management system (NMS). Moreover, the included PowerPanel® Business Edition software suite enables an administrator to remotely manage, monitor, control, and configure the UPS and server/computer shutdowns at a detailed level.



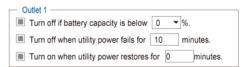


Remote Management Benefits:

- · Remote management and configuration of the UPS via Web Browser, or network management
- Multiple Alert Notification options: Email, SMS. XMPP, Messenger, SNMP messaging
- · Supports multiple protocols: TCP/IP, UDP, SNMP. HTTP, BOOTP, and DHCP
- · 10Mbps Ethernet compatible
- PowerPanel[®] Business Edition software provides comprehensive network power management for corporate servers and critical workstations supported by UPSs, including: application/OS shutdown, event logging, reporting, alerts, notifications, and remote management
- · Automatic events notification via SNMP Trap
- · Flexible Event Action setting
- · Auto-shutdown to protect servers/workstations from data loss due to power failure
- · Remote scheduling of UPS shutdown, startup, and reboot
- · Event logging to record the history of UPS operations
- · Quick installation and user-friendly interface

Programmable Outlet Control

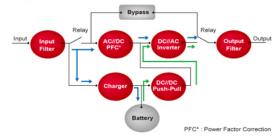
The SmartApp Online systems provide the ability to individually program critical outlets over secondary outlets. This gives administrators the ability to prioritize outlets and increase battery backup runtimes to the most critical equipment. Programmable outlet control also gives users the option to delay-start the UPS. This allows the unit to recharge its internal batteries prior to restoring power; a feature vital to datacenter installations where uninterrupted equipment boot-up is a necessity.



Primary outlet control options within PowerPanel® software ensure battery backup runtime is prioritized to critical equipment.

Ultimate Protection: Online Double Conversion Topology

CyberPower Smart App Online systems provide continuous, consistent and clean 120V Pure Sinewave power to mission-critical equipment, regardless of the incoming power conditions.



Online (Double Conversion) topology provides an extra layer insulation from power problems. This is achieved by continuously operating off battery power and having zero transfer time during power outages. Online topology also stabilizes output frequency and voltage, and eliminates any line noise that may be apparent in industrial settings or when operating off generator power.

Product Line Overview

Model	Form	Topology	Half-Load	VA	Watts	Outlets	Serial	USB	SNMP/HTTP	Software	Guarantee
OL1000RMXL2U	RM/T	Online	19 mins.	1000	700	8	1	1	/	1	\$400k
OL1500RMXL2U	RM/T	Online	12 mins.	1500	1050	8	1	1	1	1	\$400k
OL2000RMXL2U	RM/T	Online	18 mins.	2000	1400	5	1	1	/	/	\$400k
OL3000RMXL2U	RM/T	Online	12 mins.	3000	2100	5	1	/	1	/	\$400k











Smart App ONLINE Series

Pure Sinewave Output & Zero Transfer Time



OL1000RMXL2U / OL1500RMXL2U



OL2000RMXL2U



OL3000RMXL2U

UPS Extended Runtimes (XL)

CyberPower extended runtime (XL) models feature convenient connectors that accept optional external battery packs for additional runtime. XL models have the capacity to add up to four external battery packs for extended runtime. The external battery packs are easy to plug-in and can be "hot swapped" to ensure your business will maintain uptime during normal UPS maintenance.

For additional information on finding the specific XL solutions to best meet your equipment load requirements, visit www.cpsww.com or contact your CyberPower Sales representative at 877-297-6937.

UPS Runtimes (Nominal time listed in minutes for Half/Full loads)

Model	OL1000RMXL2U	OL1500RMXL2U	OL2000RMXL2U	OL3000RMXL2U
UPS (Stand Alone)	19/8	12/6	19/8	12/6
UPS + 1 Battery pack	77/34	50/22	76/34	50/24
UPS + 2 Battery packs	160/63	93/40	160/51	93/45
UPS + 3 Battery packs	246/89	152/59	246/83	152/61
UPS + 4 Battery packs	294/113	211/83	294/134	210/90

- 1 Serial Port (RS232)
- USB Port
- 3 Emergency Power Off (EPO)
- 4 Battery Module Connector
- 6 Extended Runtime Battery Connector
- 6 Input Power Cord
- Output Receptacles
- 8 Extension Output Power Cord
- 9 Programmable Receptacles
- Remote Management Expansion Port
- Site Wiring Fault
- Site Wiring Fault Silence
- 13 Input Circuit Breaker
- Output Circuit Breaker
- 15 Cooling Fan

Emergency Power-Off Port (EPO)

CyberPower UPS systems with Emergency Power Off (EPO) ports gives administrators the capability to connect the UPS to existing EPO installations. These installations give operators a single access point to immediately power off all equipment in a room or building. This is essential when protecting vital equipment from water damage, excess heat, security breaches, or catastrophic failures. CyberPower EPO circuitry complies with Underwriters' Laboratories (UL) EPO standard 1778, and is available on all Smart App Online UPS systems.

Technical Specific	cations: OL mode	els										
Model	OL1000RMXL2U	OL1500RMXL2U	OL2000RMXL2U	OL3000RMXL2U								
Configuration												
Capacity (VA)	1000	1500	2000	3000								
Capacity (Watts)	700	1050	1400	2100								
Topology	V	Pure Sinewave at 120Vac +/- 5	%, True Online, Double Conversion									
Energy-saving Technology		•	N/A									
Input												
Input Voltage Range		60V	ac - 142Vac									
Frequency Range	50/60Hz											
Input Plug Type	NEM/	A 5-15P	NEMA 5-20P	NEMA L5-30P								
Output												
UPS Outlets	(8) NEN	/A 5-20R	(4) NEMA 5-20R, (1) NEMA L5-20R	(4) NEMA 5-20R, (1) NEMA L5-30R								
On Battery Output Voltage		↑ Pure Sinewave 11	0Vac / 120Vac / 127Vac +/- 3%									
On Battery Output Frequency		50/60	0Hz +/- 0.5%									
Transfer Time (Typical)		0 ms (Ze	ro Transfer Time)									
Overload Protection			Yes									
Dataline Protection												
Surge Protection	736 Joules											
Phone / Network Protection	N/A											
Cable / Coax Protection	N/A											
EMI/RFI Filtering	FCC 47 CFR Part 15, Class B FCC 47 CFR Part 15, Class A											
Battery												
Specifications	(3) 12V/7AH	(3) 12V/9AH	(6) 12V/7AH	(6) 12V/9AH								
Sealed, Maintenance Free			Yes									
User Replaceable		Yes (Hot-sv	vappable batteries)									
Runtimes												
Half-load	19	12	19	12								
Full-load	8	6	8	6								
Status Indicators												
Multifunction LCD Readout			N/A									
Indicator LEDs	Power On, Battery	, Inverter, Bypass, Critical Outlet 1	, Critical Outlet 2, Wiring Fault, Battery Ala	arm, Overload, Load								
Audible Alarms		Input Fault, Battery F	ault, Low Battery, Overload									
Management												
On-Device Features		Self Test, Auto	-Charge, Auto-Restart									
Connectivity Ports		(1) HID USB	, (1) Serial, (1) EPO									
SNMP/HTTP Capable		Yes, with op	tional RMCARD301									
Software												
Power Management Software		PowerPane	el® Business Edition									
Physical												
Dimensions (LxWxH) (in)	17.25" x 19.5" x 3.5" 17.25" x 26" x 3.5"											
Weight (lbs)	43	45	70	72								
Safety												
Conformance Approvals	UL1778, cUL, FC	C DOC Class B	UL1778, cU	L, FCC DOC Class A								
Warranty												
Product Warranty		3 Ye	ears Limited									
Connected Equipment Guarantee		\$	400,000									

EXTERNAL BATTERY PACK MOD	DELS ABP36VRM2U	ABP72VRM2U					
UPS Compatibility	OL1000RMXL2U, OL1500RMXL2U	OL2000RMXL2U, OL3000RMXL2U					
Voltage	36V	72V					
Battery	(6) 12V/7AH	(12) 12V/9AH					
Dimensions (LxWxH) (in)	17.25" x 19.5" x 3.5"	17.25" x 26" x 3.5"					
Weight (lbs)	56	94					
Product Warranty	3 Years Limited						

Note: Specifications are subject to change without notice as we continuously strive to improve our products.

Smart App INTELLIGENT LCD Series

Line Interactive & AVR Technology with LCD Readout

The Smart App Intelligent LCD UPS Series is ideal for internetworking hardware, home office servers, telecom equipment and equipment without active PFC power supplies. Available in space-saving 1U form factor and 2U Rack/Tower configurations, these rugged metal units are perfect for rackmount, cabinet, or floor/shelf installations. The Smart App Intelligent LCD Series provides the best available combination of feature-rich power protection and cost-effectiveness in the industry-especially where Pure Sinewave is not required.

The rotatable, multifunction LCD readout provides administrators an immediate status of the UPS vitals, including: AVR Status, Estimated Runtime, Battery Capacity, Load Level, Input and Output Voltage Levels, Output Frequency, On-Battery, Overload, Fault, and Silent Mode. PowerPanel® Business Edition management software is included, and all units are SNMP/HTTP capable enabling remote management capabilities.



Designed for

- Switches, Routers, Hubs, Firewalls, and Wireless Equipment
- Remote Closets
- · Internetworking Hardware
- · PBX, POTS Equipment
- Audio/Video and Home Theater Installations
- CAD/CAM Workstations
- · Surveillance and Security Systems
- · Industrial Applications
- POS Equipment
- · Ideal for non PFC-based equipment

Key Features

- The rotating multifunction LCD readout provides battery/ power condition intelligence in both the tower and the rackmount orientation.
- B Remote management capabilities with optional SNMP/HTTP adapter.
- HID Compliant USB Port.
- RJ11/RJ45/Coax ports for voice and data line surge protection.







Series Features

- · Intelligent multifunction LCD readout
- Cost-saving GreenPower UPS[™] technology
- · Space-saving 1U models
- 2U Rack/Tower convertible configurations
- RJ11/RJ45/Coax Phone / Ethernet Line Surge Protection
- · EMI/RFI Noise-filtering
- Automatic unattended shutdown/restart

- · Line-Interactive UPS topology
- Automatic Voltage Regulation (AVR)
- · PowerPanel® Business Edition UPS management software
- SNMP/HTTP remote management option
- · Hot-swappable battery packs
- Serial Port / HID-compliant USB Port

Multifunction LCD Readout



The rotatable, multifunction LCD readout provides immediate, detailed information on the UPS battery and current power conditions to alert you to a potential power problem before it affects your equipment.





LCD Display Information:

- · Load/Current Level
- · Battery Level
- Battery In Use
- Output Voltage
 Overload
- Silent Mode
- Runtime
- AVR In Use*
 Input Voltage
- · Output Frequency
- Wiring Fault*
- Normal Operation
 - * = 2U units only

Automatic Voltage Regulation (AVR)



Automatic Voltage Regulation (AVR) stabilizes the AC signal and maintains a safe voltage for the connected equipment. AVR regulates high and low voltages and brings the power to a nominal 120 volts. This allows the UPS to maintain safe power levels without resorting to battery power, which significantly increases battery life and eliminates AC-DC power transfer when minor power fluctuations occur. It also reduces the chances of data loss, memory freezes, and system crashes.

Remote Management Capabilities

The Smart App Intelligent LCD Series includes full-featured network UPS management capabilities using the included PowerPanel® Business Edition software suite or an optional SNMP/Network management card. These remote management tools provide adminsitrators centralized remote management, monitoring, UPS control, and server/desktop shutdown via a Web Browser, or network management system (NMS).

Features includes:

- Remote management and configuration of the UPS via Web Browser, or network management system (NMS)
- Alert Notification options: Email, SMS, XMPP, Messenger, SNMP messaging
- · Supported protocols: TCP/IP, UDP, SNMP, HTTP, BOOTP, and DHCP
- The included PowerPanel Business Edition software provides comprehensive network power management for corporate servers and critical workstations supported by UPSs, including: application/OS shutdown, event logging, reporting, alerts, notifications, and remote management
- Automatic events notification via SNMP Trap
- Flexible Event Action setting
- Auto-shutdown to protect servers/workstations from data loss due to power failure
- · Remote scheduling of UPS shutdown, startup, and reboot
- · Event logging to record the history of UPS operations
- Quick installation and user-friendly interface

Product Comparison

Model	Form	Topology	LCD	AVR	VA	Watts	Outlets	RJ11/45	USB	SNMP/HTTP	Software	Guarantee
OR500LCDRM1U	RM	Line-Int.	1	1	500	300	6	/	/	✓	✓	\$300k
OR700LCDRM1U	RM	Line-Int.	1	1	700	400	6	1	1	1	✓	\$300k
OR1000LCDRM1U	RM	Line-Int.	/	1	1000	600	6	/	/	✓	/	\$300k
OR1500LCDRM1U	RM	Line-Int.	1	1	1500	900	6	1	/	1	1	\$300k
OR1500LCDRM2U	RM/T	Line-Int.	/	1	1500	900	8	/	/	/	/	\$300k
OR2200LCDRM2U	RM/T	Line-Int.	1	1	2000	1320	8	1	/	/	1	\$300k
OR1500LCDRTXL2U	RM/T	Line-Int.	1	1	1500	1125	8	/	/	✓	/	\$300k
OR2200LCDRTXL2U	RM/T	Line-Int.	1	/	2190	1650	8	1	/	1	✓	\$300k













Smart App INTELLIGENT LCD Series

Line Interactive & AVR Technology with LCD Readout



OR500LCDRM1U / OR700LCDRM1U / OR1000LCDRM1U / OR1500LCDRM1U



- Battery Backup & Surge Protected Outlets
- 2 Cooling Fan
- Resettable Circuit Breaker
- A RJ11/RJ45 Protection Port
- Wiring Fault Indicator
- 6 Surge Protected Outlets

- 7 Serial Port(s)
- Outlet Resettable Circuit Breakers
- RG6 Coax Protection Ports
- USB Port

11 SNMP/HTTP expansion port



OR1500LCDRM2U / OR2200LCDRM2U

Convertible Rack/Tower Configuration

The feature-rich Smart App Intelligent LCD 2U units can be mounted in a Tower or Rackmount form. This configuration flexibility is especially important to growing organizations with changing needs and value having the option to position a UPS vertically or in a rackmount system.

These units are easily installed into a single-post rack system using a Phillips head screwdriver. The tower stands do not require any tools. The UPS units slide into the tower stand and are held firmly in place. All units ship with both removable rackmount hardware and base stands.

Hot-Swappable, Front-Load Batteries

When performing battery maintenance, maintaining 100% uptime and connected equipment availability is essential for most businesses.

Smart App Intelligent LCD UPS units feature hot-swappable, front-load battery packs that are easy to install and ensure that connected equipment uptime is maintained during normal battery maintenance.



As long as utility power is present, the batteries can be hot swapped without interrupting power to connected equipment. The process of swapping out the batteries does not require special equipment. Simply pull the front cover off and remove the internal battery pack holder with a Phillips screwdriver. Slide the front-load battery packs out of the UPS and then slide the new battery pack into the UPS unit and secure.

Surge Suppression & Filtering



CyberPower UPS systems have advanced MOV surge suppression and EMI/RFI noise filtering to protect all Home/Office, A/V, and consumer electronics. MOV technology diverts harmful surge/spikes through the ground circuit, protecting all equipment which is connected to the UPS, along with the UPS itself. The systems also have Built-in Automatic Shutdown which protects the connected equipment from catastrophic surge/spikes that exceeds the unit's suppression threshold.

CyberPower UPS systems also utilize aggressive EMI/RFI filters to reduce electromagnetic and radio frequency interference problems. These coils smooth out minor current fluctuations, which in turn reduces 'humming' and static that can negatively affect audio and video signals.

Model	OR500LCDRM1U	OR700LCDRM1U	OR1000LCDRM1U	OR1500LCDRM1U	OR1500LCDRM2U	OR2200LCDRM2U	OR1500LCDRTXL2U	OR2200LCDRTXL2			
Configuration											
Capacity (VA)	500	700	1000	1500	1500	2000	1500	2190			
Capacity (Watts)	300	400	600	900	900	1320	1125	1650			
Topology			Line-Ir	nteractive / Automatic	Voltage Regulation	(AVR) Magazi					
Energy-Saving Technology			2		UPS™ Bypass	(111)					
Input				0.00	Jpace						
Input Voltage Range				90Vac-	-140Vac						
Frequency Range		57H	z - 63Hz	00100	110100	47	Hz - 63Hz				
Input Plug Type		0111	NEMA 5-15P			NEMA 5-20P	NEMA 5-15P	NEMA 5-20P			
Output			11211010101			112110110201	112.11110101	112111111111111111111111111111111111111			
UPS Outlets		(6) NE	MA 5-15R		(8) NEMA 5-15R	(8) NEMA 5-20R	(8) NEMA 5-15R	(8) NEMA 5-20R			
On Battery Output Voltage		Simulated Sinewave 120Vac +/- 5%									
On Battery Output Frequency		60Hz+/-1%									
Transfer Time (Typical)					ms						
Overload Protection					miting / Circuit Break	ker					
Dataline Protection				internal enedity En	many on our broa						
Surge Protection		1.03	0 Joules			1.84	10 Joules				
Phone / Network Protection		RJ45/RJ11 (One-In / One-Out)									
Cable / Coax Protection			V/A	110-1011011 (011	o iii y Olic Odiy	RG6 (On	e-In/One-Out)				
EMI/RFI Filtering		Yes									
Battery					163						
Specifications	(2) 6V/7AH	(2) 6V/9AH	(4) 6V/7AH	(4) 6V/9AH	(4) 12V/7AH	(4) 12V/9AH	(4) 12V/7AH*	(4) 12V/9AH*			
Sealed, Maintenance Free	(2) 04//7/11	(2) 0V/3N11	(4) 0V//AII	. ,	(4) 12 VITAIT	(4) 12V/3H11	(4) 124//AII	(4) 124/3M1			
User Replaceable					wappable batteries)						
Runtimes				103 (1101-31	wappable batteries)						
Half-load	12	11	13	11	18	19	19	14			
Full-load	3	3	3	2	6	6	7	6			
Status Indicators	,			-		· ·	,	· ·			
Multifunction LCD Readout	Load/curr	ent Lul Runtime R	att Jul Ratt in use Inn	ut Voltage Output Volt	tana Overland Silent	Mode Normal Onera	tion Mode ^a , Avr In Use ^b ,	Output Fron b			
Indicator LEDs	Loddiculi	ent Lvi., Naname, D	att111, Datt111-u3c, IIIp	Power On, Wiring Fa	* -	I mode, Horriar Opera	lion mode, Avi in ose,	Output Freq.			
Audible Alarms				On Battery, Low Ba							
Management				On battery, Low ba	attery, Overload						
On-Device Features				Self Test, Auto-Char	no Auto Postart						
Connectivity Ports		(4) HID HS	B, (1) Serial	Sell Test, Auto-Criai	ge, Auto-Nestart	(4) HID II	SB, (2) Serial				
SNMP/HTTP Capable		. , ,	nal RMCARD201		Voc with antion	al RMCARD100		nal RMCARD201			
Software		res, with opio	IIII KWOARDZU I		res, with option	al RIVICARD 100	res, with opio	III RIVICARDZU I			
Power Management Software				PowerPanel® Bo	usinger Edition						
Physical Physical				FOWEI FAILEI D	USITIESS EUIUOTT						
•	47.05" u	0.05" = 4.75"	47 05" v 45 75" v 4 75"	47.05" = 40.5" = 4.75"	17.05° v 16	75" - 2 5"	47.0E* v.4	0.5" - 2.5"			
Dimensions (LxWxH) (in) Weight (lbs)	17.25 X	9.25" x 1.75" 19	36	17.25" x 19.5" x 1.75'	" 17.25" x 15	5.75 × 3.5	60	9.5" x 3.5" 66			
• ' '	10	19	30	43	52	5/	00	00			
Safety Conformance Approvals				III 4770 al " 50	DO DOC Class P						
Conformance Approvals				UL1778, cUL, FC	DO DOC Class B						
Warranty				0.4	a disease d						
Product Warranty					s Limited						
Connected Equipment Guarantee				\$30	0,000						

Note: Specifications are subject to change without notice as we continuously strive to improve our products. *External Battery Pack Applicable for Extra Runtime (XL)









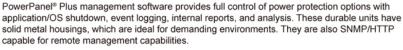


^{8 1}U units only, 5 2U units only

Smart App AVR Series

AVR Technology & Remote Management







Designed for

- · Switches, Routers, Hubs, Firewalls, and Wireless Equipment
- · Internetworking Hardware
- · PBX and POTS Equipment
- · CAD/CAM Workstations
- · Surveillance and Security
- · Industrial Applications
- · Equipment without active PFC power supplies

Key Features

- A Zero downtime, hot-swappable batteries
- Key status LED indicators
- Voice and data surge protection
- Remote management capabilities with optional SNMP/HTTP card









Series Features

- · Front-panel LED Display
- · EMI/RFI noise filtering
- · Automatic unattended shutdown/restart
- · Serial Port connectivity
- Tower and 2U Rack/Tower form factors
- · SNMP/HTTP remote management option

- Automatic Voltage Regulation (AVR)
- · PowerPanel® Plus UPS Management Software
- RJ11/RJ45 Surge Protection
- USB Adapter
- · Solid metal housing

Remote Management Capabilities

The Smart App AVR Series includes full-featured network UPS management capabilities when used with PowerPanel® Business Edition software suite (free download) and an optional SNMP/Network management card.

These remote management tools enable centralized remote management, monitoring, UPS control, and server/desktop shutdown using a Web Browser or network management system (NMS). Moreover, PowerPanel Business Edition software enables an administrator to remotely manage, monitor, control, and configure the UPS and server/computer shutdowns at a detailed level.



Model	OP650	OP850	OP1250	OP1500	CPS1500AVR						
Configuration											
Capacity (VA)	650	850	1250	1500	1500						
Capacity (Watts)	350	510	750	950	950						
Topology		Line-Intera	ctive / Automatic Voltage Reg	ulation (AVR)							
Energy-saving Technology			N/A	, , ,							
Input											
Input Voltage Range		85Vac - 150Vac									
Frequency Range		57Hz - 63Hz									
Input Plug Type			NEMA 5-15P								
Output											
UPS Outlets	(6) NEMA 5-15R	(8) NEM/	A 5-15R	(6) NE	MA 5-15R						
On Battery Output Voltage	. ,		ulated Sinewave 120Vac +	·/- 5%							
On Battery Output Frequency			60Hz +/- 1%								
Transfer Time (Typical)			4ms								
Overload Protection		Intern	al Circuitry Limiting / Circui	t Breaker							
Dataline Protection											
Surge Protection		1,796	Joules		1,800 Joules						
Phone / Network Protection		RJ45/RJ11 (One-In / One-Out)									
Cable / Coax Protection			N/A								
EMI/RFI Filtering	Yes										
Battery											
Specifications	(1) 12V/7.2AH	(2) 12V/7AH	(2) 12V/9AH	(2) 12V/17AH	(4) 12V/7AH						
Sealed, Maintenance Free			Yes								
User Replaceable		١	res (Hot-swappable batteri	es)							
Runtimes											
Half-load	10	15	13	18	18						
Full-load	2	2	4	6	6						
Status Indicators											
Multifunction LCD Readout			N/A								
Indicator LEDs	AVR-Boost ^a ,	AVR-Buck ^a , Power On, Batt	tery In Use, Wiring Fault, A	VR in Useb, Load Levelb, E	Battery Level ^b						
Audible Alarms		On	Battery, Low Battery, Ove	rload							
Management											
On-Device Features		Self	Test, Auto-Charge, Auto-R	Restart							
Connectivity Ports		(1) Serial, USB Adaptor		(2) Serial,	USB Adaptor						
SNMP/HTTP Capable		Y	es, with optional RMCARE	100							
Software											
Power Management Software		PowerPane	el® Plus / PowerPanel® Per	sonal Edition							
Physical											
Dimensions (LxWxH) (in)	11.5" x 3.5" x 6.5"	12.5" x	5.5" x 7.25"	16.5" x 7" x 9.5"	17.25" x 15.75" x 3.5						
Weight (lbs)	15	28	31	62	58						
Safety											
Conformance Approvals		UL	1778, cUL, FCC DOC Cla	ss B							
Warranty											
Product Warranty			3 Years Limited								
Connected Equipment Guarantee	\$1:	25,000	\$150,000	\$200,000	\$500,000						













ADAPTIVE SINEWAVE Series

Pure Sine Wave Protection for Home, Office and Enterprise

CyberPower's Adaptive Sinewave™ UPS systems are ideal for many types of sensitive computing equipment that utilize Active PFC and conventional power supplies. With pure sine wave output, Adaptive Sinewave UPS systems ensure that equipment utilizing Active PFC power supplies do not unexpectedly shutdown or experience harmful stress when switching from AC power to UPS battery power.

Adaptive Sinewave UPS systems are recommended for computers, workstations, networking hardware, entry-level servers, peripherals and home theater equipment.



Rack/Tower Series

Designed for

- · Workstations/PCs
- · Networking Hardware
- Entry-Level Servers
- · Surveillance and Security System

- POS Terminals
- · Home Office/Small Office (SOHO) Networks
- · Home Theater Equipment
- · Equipment with Active PFC power supplies

Key Features

- B HID Compliant USB Port
- RJ11/RJ45/Coax ports for voice and data line surge protection









Tower models (CP series)

Rack/Tower models (OR series)

Series Features

- · Pure sine wave output
- · Multifunction LCD readout
- Power Panel® Management Software
- · EMI/RFI noise filtering
- · Tower and 2U Rack/Tower form factors
- · Resettable circuit breaker

- Automatic voltage regulation (AVR)
- Cost-saving GreenPower UPS[™] technology
- USB Charging Ports (CP1350 & CP1500 models)
- · Serial Port/HID-compliant USB Port
- RJ11/RJ45 Coax dataline surge protection
- · Compatible with Active PFC power supplies

Active Power Factor Correction

Adaptive Sinewave UPS systems provide continuous, pure sine wave power output, preventing unexpected shutdowns or damaging stress when switching from AC to UPS battery power. Simulated sine wave output wave form produces a zero-output state during the phase change cycle resulting in a power "gap". This gap may cause power interruption for equipment with Active PFC power supplies when switching from AC power output to simulated sine wave output (battery mode).



Convertible Rack/Tower Configuration

The feature-rich Adaptive Sinewave Rack/Tower series can be mounted in a Tower or Rackmount form. This configuration flexibility is especially important to growing organizations with changing needs and value having the option to position a UPS vertically or in a rackmount system.

These units are easily installed into a single-post rack system using a Phillips head screwdriver. The tower stands do not require any tools. The UPS units slide into the tower stand and are held firmly in place. All units ship with both removable rackmount hardware and base stands.



Multifunction LCD Readout

The multifunction LCD readout provides immediate, detailed information about the status of UPS battery and power conditions. Also, advanced settings can be configured with the LCD buttons to alert you to a potential power problem before they affect your equipment and data.



Rack/Tower (OR series) LCD Panel



Tower (CP series) LCD Panel

LCD Display Information

- · Load/Current Level
- AVR in Use
- Output Voltage
- · Wiring Fault
- Slew Rate
- · Battery Shutdown Voltage
- Runtime
- · Battery in Use
- Output frequency
- · Silent Mode
- Static Frequency Tolerance
- · Battery Level
- Input Voltage
- Overload
- · Normal Operation
- Temperature (F & C)

Product Comparison

Model	Form	Topology	LCD	AVR	VA	Watts	Outlets	Software	RJ11	RJ45	Coax	USB	Guarantee
CP850PFCLCD	Т	Line-Int.	✓	1	850	510	10	/	1	/	1	/	\$250k
CP1000PFCLCD	Т	Line-Int.	✓	1	1000	600	10	/	1	1	1	1	\$350k
CP1350PFCLCD	Т	Line-Int.	1	✓	1350	810	10	/	1	/	/	/	\$425k
CP1500PFCLCD	Т	Line-Int.	1	1	1500	900	10	/	1	1	1	1	\$500k
OR1500PFCRT2U	RM/T	Line-Int.	✓	1	1500	900	8	/	1	/	1	/	\$200k
OR2200PFCRT2U	RM/T	Line-Int.	1	1	2000	1320	8	1	1	1	/	1	\$250k
OR2200PFCRT2Ua	RM/T	Line-Int.	/	/	2200	1320	8	/	1	/	/	/	\$250k











ADAPTIVE SINEWAVE Series

Pure Sine Wave Protection for Home, Office and Enterprise



CP850PFCLCD CP1000PFCLCD



CP1350PFCLCD CP1500PFCLCD

- RG6 Coax Protection Ports
- RJ11/RJ45 Protection Ports
- USB Port
- Serial Port
- Serial Port (Dry Contact)
- Wiring Fault Indicator
- Surge Protected Outlets
- 8 Battery Backup & Surge Protected Outlets
- Resettable Circuit Breaker
- O AC Input Power Cord
- EPO (Emergency Power Off) Port
- SNMP/HTTP Network Slot



Multiple Communication Ports



Multiple communication ports give users the flexibility to connect to their PCs via the included USB or Serial connectivity cables and use the included PowerPanel® power management software. In the event of a power outage, PowerPanel automatically saves open files, closes the applications in an orderly manner, and then shuts down connected equipment.

USB - CyberPower USB ports are HID-compliant, which enables full integration with the built-in power management and auto shutdown features of several operation systems, including: Windows, Linux, and Mac OS X.

Serial - All models are also equipped with serial ports for connectivity with legacy equipment.

Surge Suppression & Filtering

CyberPower UPS systems have advanced MOV surge suppression and EMI/RFI noise filtering to protect all Home/Office, A/V, and consumer electronics. MOV technology diverts harmful surge/spikes through the ground circuit, protecting all equipment which is connected to the UPS, along with the UPS itself. The systems also have Built-in Automatic Shutdown which protects the connected equipment from catastrophic surge/spikes that exceed the unit's suppression threshold.

CyberPower UPS systems utilize aggressive EMI/RFI filters to reduce electromagnetic and radio frequency interference problems. These coils smooth out minor current fluctuations, which in turn reduces 'humming' and static that can negatively affect audio and video signals.

Automatic Voltage Regulation (AVR)

Automatic Voltage Regulation (AVR) stabilizes the AC signal and maintains a safe voltage for the connected equipment. AVR regulates high and low voltages and brings the power to a nominal 120 volts. This allows the UPS to maintain safe power levels without resorting to battery power, which significantly increases battery life and eliminates AC-DC power transfer when minor power fluctuations occur. It also reduces the chances of data loss, memory freezes, and system crashes.

Technical Specifications: CP LCD and CP LCD PFC models

Model	CP850PFCLCD	CP1000PFCLCD	CP1350PFCLCD	CP1500PFCLCD	OR1500PFCRT2U	OR2200PFCRT2U	OR2200PFCRT2Ua		
Configuration									
Capactity(VA)	850	1000	1350	1500	1500	2000	2200		
Capactity(Watts)	510	600	810	900	900	1320	1320		
Topology				Line-Interactive (AVR)	M.M.				
Energy-saving Technology				Yes					
Input									
Input Voltage Range				90Vac - 140Vac					
Frequency Range		57Hz	- 63Hz			47Hz - 63Hz			
Input Plug Type		NEM	A 5-15P		(3) NEMA 5-15P, 14AWG wire	(3) NEMA L5-20P, 14AWG wire	(3) NEMA L5-30P, 12AWG wire		
Output					1 1 11 10 1110	144104110	12 110 1110		
UPS Output		(10) NF	MA 5-15R		(8) NEMA 5-15R	(8) NEM	IA 5-20R		
On Battery Output Voltage		(10)112	in to fort	120Vac +/- 5%	(0) 11211110 1011	(0) NEI	P (0 2 0) (
On Battery Output Frequency				60Hz +/- 1%					
Transfer Time (Typical)				4ms					
Transier Time (Typical)				41113	On selling In	ternal Current Limiting / C	issuit Deselves		
Overload Protection		Internal circuitry lin	niting / circuit breaker			attery: Internal Current Li			
Dataline Protection									
Surge Suppression		1030 Jo	ules	1840 Joules	2060	Joules			
Phone/Network Protection	RJ11 / RJ45(1-In, 1-Out) (Combo)								
Cable/ Coax Protection	RG-6(1-in, 1-Out)								
EMI/RFI Filtration				Yes					
Battery									
Specifications	(1) 12V/8.5AH	(1) 12V/9AH	(2) 12V/7AH	(2) 12V/8.5AH	(4) 12V/7AH	(4) 12	V/9AH		
Sealed, Maintenance Free									
User Replaceable				Yes					
Runtime						25			
Half-load(mins)	8	9	9	11	18	20	20		
Full-load(mins)	2	3	3	2	6	8	8		
Status Indicators									
Multi-function LCD Readout	Toggle Status Display includes: Current/Load Level, Runtime, Battery Level, AVR In Use, Battery In Use, Input Voltage, Output Voltage, Output Voltage, Output Voltage, Output Voltage, Output Voltage, Output Voltage, Normal mode Icon, Battery mode Icon, AVR mode Icon Frequency, Overload, Silent Mode Overloaded Icon, Silent mode Icon, Fault Icon								
Indicator LEDs	Power on, wiring fault								
Audible Alarms	On battery, low battery, overload, fault								
Management									
On-Device Features			Self	Test, Auto-Charge, Auto-I	Restart				
Connectivity Ports	(1) HID USB, (1) Serial (1) HID USB, (2) Serial								
SNMP/HTTP Capable	N/A Yes, with optional RMCARD202								
Software									
Power Management Software		PowerPanel®	Personal Edition		P	owerPanel® Business Edit	ion		
Physical									
Dimensions(LxWxH)(in)	10.4" x 3	9" x 9.1"	14.2" x 3	9" x 10.4"		17" x 15.3" x 3.5"			
Weight(lb)	14.9	15.9	20.3	24.7	55.1	59.3	60		
Safety									
Conformance Approvals		UL1778, cUL 107.3.	FCC DOC Class B		UL 1778 4th	cUL CSA C22.2 No.107.3	-05. FCC/DoC		
ROHS		321110,0021010		RoHS Compliant	0210 401,	112 201 0000 1101 101 10	,		
Warranty				. iorio compilant					
Product Warranty				3 Years Limited					
Connected Equipment Guarantee	\$250,000	\$350,000	\$425,000	\$500.000	\$200,000	\$250.000	\$250,000		
Note: Specifications are subject		*****	,	,,,,,,,	VEVV,000	V200,000	* = Tower models on		

Note: Specifications are subject to change without notice as we continuously strive to improve our products.

* = Tower models only











INTELLIGENT LCD Series

AVR Technology, LCD Readouts & Surge Protection

CyberPower's Intelligent LCD UPS Series features "Best-In-Class" power protection with AVR line conditioning and an 11 toggle screen multifunction LCD readout. All tower models are equipped with cost-saving GreenPower UPS™ technology, which can reduce UPS energy costs up to 75%. Ultra-Quiet Operation technology ensures that your workspace is not disrupted with noisy UPS electronics and complements a quiet working environment.

Designed for small office/home office (SOHO) computers and home entertainment systems, the Intelligent LCD Series also protects all connected equipment from harmful surges and spikes. They also include full protection of RJ11, RJ45, and RG6 datalines, and are equipped with EMI/RFI filters to reduce audio/video line noise. PowerPanel® software also complements the systems and gives users a dashboard interface to monitor the UPS vitals.

All systems are covered by CyberPower's exclusive 3-year warranty, and come with lifetime technical support assistance and a Connected Equipment Guarantee (CEG) that stands behind our system's quality and reliability.



Designed for

- Home Office/Small Office (SOHO) Networks and Equipment
- · Workstations/PCs
- · Internetworking Hardware
- · Home Theater System Equipment
- · Surveillance and Security
- Personal Electronics
- POS Terminals

Key Features

- Intelligent LCD Readout for push-of-a-button review of power conditions. LCD conveniently powers down to eliminate distracting glow.
- HID Compliant USB Port
- Widely-spaced outlets allow for connection of large transformers plugs.
- Voice/data/video surge protection ensures your valuable equipment is protected from lightning/surges traveling on communication wiring.









Series Features

- Intelligent multifunction LCD readout
- Ultra-Quiet operation technology
- Automatic Voltage Regulation (AVR)*
- Phone/Fax/Modem (RJ11) and DSL/Network/ Ethernet (RJ45) Line Surge Protection
- User-replaceable battery packs
- · Resettable circuit breaker

- Cost-saving GreenPower UPS™ technology*
- PowerPanel Personal Edition Management Software
- Coax/Cable/DSS (RG-6) Line Surge Protection*
- · EMI/RFI noise filtering
- Serial Port/HID-compliant USB Port*
- · Automatic unattended shutdown/restart
- · Attractive tower, mini-tower, and compact form factors

* = select models

The Ultimate in Home Entertainment System Protection...

CyberPower carries a wide array of home A/V solutions to ensure protection of your multimedia systems. The Intelligent LCD Series UPS truly complement home installations by giving users superior power protection and a multifunction LCD readout for immediate power condition diagnostics. These UPS systems ensure your electronics are protected from line spikes and surges, and include EMI/RFI filters to reduce noise line and enhance the multimedia experience.

AVR technology provides line conditioning that automatically brings the AC signal within a safe threshold. This reduces the stress on high-end consumer electronics and can prolong the life of the equipment. The unit's battery backup will keep your electronics up and running during a blackout, which allows you to safely shutdown your equipment and avoid any abrupt power losses.



...with easy to see Multifunction LCD Readouts!

Ultra-Quiet Operation Technology



The Ultra-Quiet design of the Intelligent LCD series UPS make them perfect for desktop applications, audio/video installations, and quiet workstation environments.

CyberPower's unique combination of advanced ventilation, high-end system components, and GreenPower UPS bypass technology make this ultra-quiet design a perfect choice for home/office users.

Multifunction LCD Readout



The multifunction LCD readout details information on the UPS status and current power conditions to alert you to potential power problems before they affect your equipment. The LCD provides immediate access to precise information about the status of the power as well as the condition of the battery.

LCD Display Information

- · Battery In Use
- Wiring Fault*
- · Battery Level
- Output Frequency*
- Runtime
- Overload

- Output Voltage
- Load/Current Level
- · Input Voltage
- Silent Mode AVR In Use*
- Normal Operation
 - * = Tower models only

Product Comparison

Model	Form	Topology	LCD	AVR	VA	Watts	Outlets	Software	RJ11	RJ45	Coax	USB	Guarantee
CP600LCD	С	Standby	1	-	600	340	8	/	/	1	-	1	\$175k
CP825LCD	С	Standby	1	-	825	450	8	/	1	1	-	1	\$225k
CP685AVRLCD	С	Line-Int.	1	1	685	390	8	/	1	1	1	1	\$125k
CP825AVRLCD	С	Line-Int.	1	1	825	450	8	/	1	1	1	1	\$200k
CP850AVRLCD	Т	Line-Int.	1	1	850	510	9	/	/	1	1	/	\$250k
CP1000AVRLCD	Т	Line-Int.	1	1	1000	600	9	/	1	1	1	1	\$350k
CP1350AVRLCD	Т	Line-Int.	1	1	1350	810	8	/	/	/	/	1	\$425k
CP1500AVRLCD	Т	Line-Int.	1	1	1500	900	8	/	1	1	/	1	\$500k











INTELLIGENT LCD Series

AVR Technology, LCD Readouts & Surge Protection







CP1350AVRLCD CP1500AVRLCD



CP600LCD CP825LCD CP685AVRLCD CP825AVRLCD

- RG6 Coax Protection Ports (AVR models only)
- RJ11/RJ45 Protection Ports
- Serial Port
- 10 USB Port
- Wiring Fault Indicator

- Battery Backup & Surge Protected Outlets
- Surge Protected Outlets
- Open Off/On Switch
- Power Off/On Indicator
- Multifunction LCD Readout
- Resettable Circuit Breaker

Multiple Communication Ports



Multiple communication ports give users the flexibility to connect to their PCs via the included USB or Serial connectivity cables and use the included PowerPanel® power management software. In the event of a power outage, PowerPanel automatically saves open files, closes the applications in an orderly manner, and then shuts down connected equipment.

USB - CyberPower USB ports are HID-compliant, which enables full integration with the built-in power management and auto shutdown features of several operation systems, including: Windows, Linux, and Mac OS X.

Serial - Tower models are also equipped with serial ports for connectivity with legacy equipment.

Surge Suppression & Filtering

CyberPower UPS systems have advanced MOV surge suppression and EMI/RFI noise filtering to protect all Home/Office, A/V, and consumer electronics. MOV technology diverts harmful surge/spikes through the ground circuit, protecting all equipment which is connected to the UPS, along with the UPS itself. The systems also have Built-in Automatic Shutdown which protects the connected equipment from catastrophic surge/spikes that exceeds the unit's suppression threshold.

CyberPower UPS systems also utilize aggressive EMI/RFI filters to reduce electromagnetic and radio frequency interference problems. These coils smooth out minor current fluctuations, which in turn reduces 'humming' and static that can negatively affect audio and video signals.



GreenPower UPS™ Technology

Interested in reducing your electricity bill? The Intelligent LCD Series are designed with CyberPower's patented GreenPower UPS technology to reduce your UPS energy costs by up to 75% compared to conventional UPS models. Conventional UPS models pass power through a transformer, even when utility power is normal. By contrast, the patented, advanced circuitry of a GreenPower UPS bypasses the transformer when utility power is normal. As a result, your home/office energy costs are reduced while your computer and A/V equipment, irreplaceable photos, and valuable data remains protected.

(For more details on GreenPower UPS technology, see page 27.)

Technical S	pecifications	s: CP LCI	Dand CP L	CD AVR	models					
Model	CP600LCD	CP825LCD	CP685AVRLCD	CP825AVRLCD	CP850AVRLCD	CP1000AVRLCD	CP1350AVRLCD	CP1500AVRLC		
Configuration										
Capacity (VA)	600	825	685	825	850	1000	1350	1500		
Capacity (Watts)	340	450	390	450	510	600	810	900		
Topology	Stan	dby		Li	ine-Interactive / Autom	atic Voltage Regulation	(AVR) 4			
Energy-saving Technology	N/A	4			GreenPov	ver UPS™ Bypass				
Input										
Input Voltage Range	100Vac -	140Vac			90Vac	- 140Vac				
Frequency Range				57Hz -	- 63Hz					
Input Plug Type				NEMA	.5-15P					
Output										
UPS Outlets		(8) NEN	/A 5-15R		(9) NEI	MA 5-15R	(8) NEA	IA 5-15R		
On Battery Output Voltage				Simulated Sineway	ve 120Vac+/-5%					
On Battery Output Frequence	у			60Hz +	·/- 1%					
Transfer Time (Typical)				4n	ns					
Overload Protection				Internal Circuitry Lim	it / Circuit Breaker					
Dataline Protection										
Surge Protection		1,030	Joules		1,080	loules	1,500 Joules			
Phone / Network Protection				RJ45/RJ11 (One-	.,					
Cable / Coax Protection	N/A				RG6 (One-In / One-Out)					
EMI/RFI Filtering				Ye	es					
Battery										
Specifications	(1) 12V7AH	(1) 12V/8.5AH	(1) 12V/8AH	(1) 12V/8.5AH	(1) 12V/8.5AH	(1) 12V/9AH	(2) 12V/8AH	(2) 12V/8.5AH		
Sealed, Maintenance Free		.,,	.,,	Ye	es	. ,		1,		
User Replaceable				Ye	es					
Runtimes										
Half-load	9	8	10	8	7	6	9	11		
Full-load	2	2	2	2	1	1	2	3		
Status Indicators										
Multifunction LCD Readout	Current/load	Level, Runtime, Bat	ttery Level, AVR In Use	**, Battery In Use, Inp	ut Voltage, Output Vol	tage, Output Frequency	**, Overload, Silent Mod	le		
Indicator LEDs			•	Power On, W	/iring Fault					
Audible Alarms				On Battery, Low B	Battery, Overload					
Management	100				•					
On-Device Features				Self Test, Auto-C	Charge, Auto-Restar	t				
Connectivity Ports		(1) HIC	USB		(1) HID USB, (1) Serial					
SNMP/HTTP Capable				N	/A					
Software										
Power Management Softwar	re			PowerPanel® Pe	ersonal Edition					
Physical										
Dimensions (LxWxH) (in)		11" x 6	6.5" x 3.5"		10.5" x 4	.25" x 8.75"	13.25" x 4	f" x 9.75"		
Weight (lbs)	12	14	13	14	16	16		15		
Safety										
Conformance Approvals				UL1778, cUL, FC0	C DOC Class B					
Warranty										
Product Warranty				3 Years L	imited					

Note: Specifications are subject to change without notice as we continuously strive to improve our products.











^{* =} Tower models only

AVR Series

AVR Technology, GreenPower UPS & Ultra Quiet

The AVR UPS Series offers advanced power protection in a sleek, yet rugged design. Automatic Voltage Regulation (AVR) technology ensures that all your electronics are receiving clean and stable AC power. With models designed for a wide range of computers, from entry-level to upper-level systems, the AVR Series guards all types of computers against surges/spikes, and also offers full protection against harmful brownouts and over-voltages.

All models also have Ultra-Quiet operation technology making them perfect for quiet office/home environments. Additionally, all units have full dataline protection (RJ11/RJ45/Coax), include PowerPanel® Personal Edition software, and come with free professional Technical Support and a 3-year warranty.



Designed for

- · Workstations/PCs
- · CAD/CAM Workstations
- · Home Office/Small Office Networks
- · POS Terminals, VOIP Systems
- · Surveillance and Security
- · Gaming Industry/Casinos

Key Features

- A Surge protected RJ11/RJ45 and RG6 ports protect all data lines from incoming surges and power abnormalities.
- B The stylish profile complements the high-tech design of today's newest computers and peripherals.
- Ultra-Quiet technology.
- PowerPanel Personal Edition software ensures files are closed and data is saved in the event of a power outage.









Series Features

- · Line-Interactive UPS
- · Ultra-Quiet operation technology
- · PowerPanel Personal Edition Management Software
- Phone/Fax/Modem (RJ11) and DSL/Network/ Ethernet (RJ45) Line Surge Protection
- · Serial Port/HID-compliant USB Port
- · Automatic unattended shutdown/restart

- Automatic Voltage Regulation (AVR)
- Cost-saving GreenPower UPS™ technology
- Coax/Cable/DSS (RG6) Line Surge Protection
- · EMI/RFI noise filtering
- User-replaceable battery
- · Resettable circuit breaker
- Attractive tower and compact form factors

Automatic Voltage Regulation (AVR)



Automatic Voltage Regulation (AVR) stabilizes the AC signal and maintains a safe voltage for the connected equipment. AVR regulates high and low voltages and brings the power to a nominal 120 volts. This allows the UPS to maintain safe power levels without restoring to battery power, which significantly increases battery life and eliminates AC-DC power transfer when minor power fluctuations occur. It also reduces the chances of data loss, memory freezes, and system crashes.

Model	CP685AVR-G	CP800AVR	CP825AVR-G	CP900AVR	CP1200AVR	CP1500AVRT		
Configuration	CF003AVK-0	CFOODAVIC	CF025AVN-G	CFSOUAVI	CF 1200AVIX	CF 1300AVK1		
Capacity (VA)	685	800	825	900	1200	1500		
Capacity (Watts)	390	450	450	560	720	900		
Topology	390		teractive / Automatic V			900		
Energy-saving Technology		LIIIe-IIII	GreenPower L		AVIC) FYFOU			
Input			GreenFower	рго прурава				
Input Voltage Range			90Vac - 1	40\/00				
Frequency Range			57Hz -					
			NEMA 5					
Input Plug Type Output			NEWA	7-15P				
UPS Outlets			(0) NEM	A E 45D				
			(8) NEM/					
On Battery Output Voltage			Simulated Sinewave					
On Battery Output Frequency			60Hz +					
Transfer Time (Typical)		0 - 11676	4ms					
Overload Protection		On Utility:	Circuit Breaker / On B	sattery: Internal Curi	rent Limit			
Dataline Protection			4 000 1 1		4 000 1 1 1	4 500 1 1		
Surge Protection	890 Joules	890 Joules	1,030 Joules	890 Joules	1,080 Joules	1,500 Joules		
Phone / Network Protection				ne-In / One-out)				
Cable / Coax Protection				-In / One-out)				
EMI/RFI Filtering			Ye	S				
Battery								
Specifications	(1) 12V/8AH	(1) 12V/8.5AH	(1) 12V/8.5AH	(2) 12V/7.2AH	(2) 12V/8AH	(2) 12V/8.5AF		
Sealed, Maintenance Free			Ye	-				
User Replaceable			Ye	S				
Runtimes								
Half-load	10	10	10	12	12	11		
Full-load	2	3	3	3	3	3		
Status Indicators								
Multifunction LCD Readout			N/	A				
Indicator LEDs	P	ower On, Wiring Fau	ilt	Power On, Bat	ttery In Use, AVR, Ov	erload, Wiring Fau		
Audible Alarms			On Battery, Low	Battery, Overload				
Management								
On-Device Features			Self Test, Auto-Cl	harge, Auto-Restart				
Connectivity Ports	(1) HID USB, (1) Serial							
SNMP/HTTP Capable			N/A	4				
Software								
Power Management Software			PowerPanel®	Personal Edition				
Physical								
Dimensions (LxWxH) (in)		11" x 6.5" x 3.5"			13.25" x 4" x 9.75"			
Weight (lbs)	14	15	15	21	24	25		
Safety								
Conformance Approvals			UL1778, cUL, F0	CC DOC Class B				
Warranty			, , ,					
Product Warranty			3 Years L	imited				
			o rears t					

Note: Specifications are subject to change without notice as we continuously strive to improve our products.











Standby Series

Battery Backup & Surge Protection



The Standby UPS Series provides home and office users peace of mind surge protection against power spikes, as well as reliable battery backup for power interruptions, brownouts and blackouts.

Designed to safeguard home office PCs and other electronics (monitors, printers, scanners, speakers, CD/DVD players and iPods), its composite integrated circuitry offers reliable lightning protection. The RJ11 port ensures power protection for phone, fax and modems. Patented GreenPower UPS™ design reduces UPS energy costs by up to 75% compared to competitive models. PowerPanel® Personal Edition management software automatically saves, closes and shuts down open files on a PC in an orderly process during a power outage. All UPS systems come with EMI/RFI filters to eliminate line noise or disturbances. An industry leading Three-Year Warranty and Connected Equipment Guarantee ensures each UPS has passed our highest quality standards in design, assembly, material or workmanship.

Designed for

- Workstations/PCs
- · Home Office/Small Office (SOHO) Networks
- · Personal Electronics
- POS Terminals
- · Surveillance and Security

Key Features

- A Widely-spaced outlets allow for connection of large transformers plugs.
- B Phone/Fax/Modem lines are surge protected.
- Compact units can unobtrusively be mounted horizontally, vertically, on a cabinet, or on a wall.
- USB port connectivity enables automatic safe shutdown of workstations.









Series Features

- · Standby UPS topology
- Phone/Fax/Modem (RJ11) Line Surge Protection
- · Transformer-spaced outlets
- · Automatic unattended shutdown/restart
- · PowerPanel Personal Edition software

- · Energy-saving GreenPower UPS technology
- EMI/RFI noise filtering
- · Resettable circuit breaker
- · Compact form factors

Communication Ports and Automatic Shutdown



The USB port enables users to connect to their PCs and use the included PowerPanel® Personal Edition management software. In the event of a power outage, PowerPanel® Personal Edition automatically saves open files, closes the applications in an orderly manner, and then shuts down connected equipment. The CyberPower USB ports are HID-compliant, which enables full integration with the built-in power management

and auto shutdown features of several operation systems, including Windows, Linux, and Mac OS X.

ations: CP mode	s						
CP350SLG	CP425G	CP425SLG	CP500SLG	CP550SLG			
350	425	425	500	550			
255	255	255	300	330			
		Standby					
		96Vac~140Vac					
		14211/10-101					
		/8\NEMA 5-15P					
	Cimule		L/ 70/				
	Silliula		TI- 1 70				
	On Hillitan Circuit		nal Current Limit				
	On Utility: Circuit	Breaker/ On Battery: Inter	nai Current Limit				
040 1. 1		200.1					
		Yes					
(1) 12V/3.6AH (1) 12V/4.5AH (1) 12V							
		No					
				8			
2	2	2	2	2			
		N/A					
		Power On, Wiring Fault					
	On	Battery, Low Battery, Ove	rload				
		Auto-Charge, Auto-Resta	rt				
N/A			(1) HID USB				
		N/A					
N/A		PowerPanel® Per	sonal Edition				
7.1" x 4.3" x 3.2"		9.75" x 6.2	5" x 3.25"				
3.5	5	5	6	6.3			
	UL	1778, cUL , FCC DOC Cla	ass B				
		. 10110 00111p.10111					
		3 Years Limited					
	810 Joules RJ11 (One-In, One-Out) 7 2 N/A N/A 7.1" x 4.3" x 3.2"	350 425 255 255 Simula On Utility: Circuit 810 Joules RJ11 (One-In, One-Out) (1) 12V/3.6AH 7 7 2 2 On N/A N/A 7.1" x 4.3" x 3.2" 3.5 5	CP350SLG 350 425 255 255 255 Standby Yes 96Vac~140Vac 47Hz - 63Hz NEMA 5-15P (8)NEMA 5-15P (8)NEMA 5-15P Simulated sine wave at 120Vac 50/60Hz +/- 5% 4ms On Utility: Circuit Breaker/ On Battery: Inter 810 Joules RJ11 (One-In, One-Out) RJ11 (One-In, One-Out) 7 7 7 7 7 2 2 2 1 N/A Power On, Wiring Fault On Battery, Low Battery, Ove Auto-Charge, Auto-Resta N/A N/A PowerPanel® Per 7.1" x 4.3" x 3.2" 9.75" x 6.2 3.5 5 5	CP350SLG CP425G CP425SLG CP500SLG 350			











PowerPanel® Management Software

UPS Monitoring and Control

PowerPanel® management software is packaged with all CyberPower UPS products and is an integral component of battery backup and data protection solutions. The PowerPanel intuitive dashboard interface is extremely easy to navigate for first-time users, and powerful enough for administrators and system integrators. In the event of a power loss, PowerPanel automatically saves files and safely shuts down the computer in an intelligent and orderly matter.

The two primary editions of PowerPanel software—PowerPanel Business Edition and PowerPanel Personal Edition—are designed to meet the needs of different users. PowerPanel Business Edition is enterprise-class software, which gives power users and administrators the tools needed for full local/remote control. PowerPanel Personal Edition is a small office software, which features a heads-up graphical interface, and Classic editions, like PowerPanel Plus and PowerPanel, which serve equipment legacy products and are used in networking the control of UPS units.



PowerPanel® Business Edition

PowerPanel Business Edition software manages all power conditions of workstations and servers electrically-connected to UPSs on a network. Its features include automatic event logging/reporting, notifications, server shutdown, and a user-friendly dashboard interface. PowerPanel Business Edition also allows for control customization. These enterprise-level features give administrators the power to fully manage their UPS system and safeguard all connected equipment.

- · HTTP/SNMP remote management
- · User-friendly, dashboard interface
- · Load/current draw and runtime status





 Automatic file-saving, equipment shutdown, and OS hibernation



Scheduled shutdowns, outlet control, and restarts



 Multiple Alert Notification options: Email, SMS, Messenger, Alert message box

PowerPanel® Personal Edition

The powerful dashboard interface of PowerPanel® Personal Edition software makes it easy to control and monitor UPS systems. In the event of a power loss, Personal Edition automatically saves files and shuts down computers in a safe, intelligent, and orderly manner. Personal Edition combines graphical and statistical data in a compact, easy-to-install package. It is fully compatible with Windows 2000, Server 2003, XP 32/64, Vista 32/64, and Server 2008.





Features:

- · User-friendly, dashboard interface
- · Load/current draw and runtime status
- · System tray notifications



Features:

- · Automatic file-saving and equipment shutdown
- · Scheduled shutdowns and restarts

PowerPanel® Plus

PowerPanel® Plus gives administrators and users the power to fully manage their UPS systems. PowerPanel® Plus features safe shutdown capabilities and provides protection for computer systems, components, peripherals, and most importantly, data.



Features:

- · Load/current draw, backup, and runtime status
- · Automatic file-saving and equipment shutdown
- · Custom event logging, notifications, and management
- · Scheduled shutdowns and restarts
- · Self-test and cold start options
- · Variable voltage ranges with AVR UPS systems

PowerPanel®

PowerPanel® software allows for shutdown control and monitoring of UPS main vitals, including incoming voltage conditions. PowerPanel blends the perfect mix of simplicity and UPS management control, and is included with many of CyberPower's Standby UPS systems.



Features:

- · Battery, status
- · Incoming voltage conditions
- · Automatic file-saving and equipment shutdown
- · Event logging and management
- · Scheduled shutdowns and system tray notifications

GreenPower UPS™ **Technology**

Energy-saving, Cost Reducing Power Protection



ENERGY-SAVING TECHNOLOGY

The GreenPower UPS™ Advantage

CyberPower GreenPower UPS™ technology cuts energy costs by up to 75% compared to a conventional UPS circuit. Conventional UPS systems pass power through a transformer in order to provide normal output voltage to protected devices. By contrast, the GreenPower UPS circuit bypasses the transformer when utility power is normal. The GreenPower UPS circuit's more efficient use of power results in a significant reduction in generated heat and energy costs. When utility power is abnormal, the GreenPower UPS operates like a normal UPS. Since utility power operates normally 88% of the time, the GreenPower UPS operates primarily in its cost-cutting bypass mode.

Maximizing Profits in the Expanding Green IT Marketplace

In today's global IT marketplace, energy efficiency is an increasingly important product feature. When faced with a decision between competing products, more and more buyers are considering lifetime energy costs to determine the best overall value.

In fact, according to a 2008 IDC Green IT Survey:

- Over 50% of customers consider IT vendors' "greenness" when selecting a supplier.
- · One-third of customers already consider it "important" to "very important" that IT suppliers have green offerings.
- Almost 80% of executives say that Green IT is growing in importance for their organization.
- The #1 driver for Green IT adoption is economic to reduce operational costs.

In response to growing customer demand for Green IT, CyberPower is leading the industry in the development of ultra-reliable, energy-efficient power protection products. CyberPower's GreenPower UPS technologies represent the best value in energy-efficient UPS products for businesses and individuals implementing Green IT principles.

Reduce energy costs using GreenPower UPS™ Technology

With the introduction of GreenPower UPS technologies, CyberPower has delivered ultra-reliable UPS systems that also significantly reduce waste heat and energy costs. When utility power is normal, CyberPower's patented GreenPower UPS bypass technology conducts power through a relay, bypassing the transformer.

This bypass of the transformer is a more efficient UPS design than a conventional UPS design. The design preserves energy and reduces energy expenses. When utility power is abnormal, the GreenPower UPS technology switches to 'Battery' or 'AVR' mode and operates the same as a conventional UPS. CyberPower also has high-frequency GreenPower UPS technology designs that use a high-frequency/low copper design and ultra-efficient inverters and chargers to also reduce energy costs.

Engineering Excellence Drives Energy Efficiency

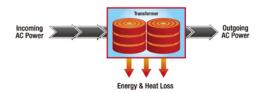
CyberPower is dedicated to leveraging its engineering strength to deliver power protection products that are unsurpassed in energy efficiency and reliability. As important, CyberPower recognizes that a commitment to innovation, excellence, and efficiency extends throughout the organization. Therefore, in addition to developing GreenPower UPS technologies CyberPower has adopted Green practices throughout its business, including: Membership in the Climate Savers Computing Initiative, adoption of Restriction on Hazardous Substances (RoHS), and Waste Electrical and Electronic Equipment (WEEE)

protocols, use of Renewable Energy wind energy credits, certification in ISO 14001 **Environmental Management** System and IECQ QC 080000 **HSPM Hazardous Substance** Process Management standards, a comprehensive lead-free solder reliability analysis, and ongoing "greening" of all packaging practices and materials.



Reduce Energy Cost with GreenPower UPS™ Technology

Conventional UPS



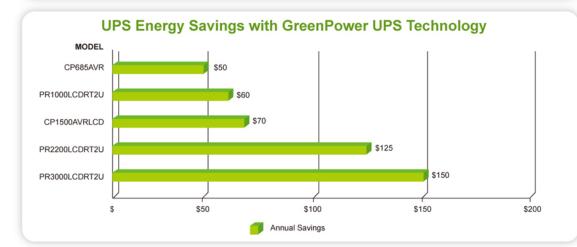
GreenPower UPS



Patented Bypass Design Avoid Energy Loss

Traditional line-interactive UPS designs can have efficiencies as low as 85% under full load. This occurs because the UPS passes current through the transformer, even when the AC utility power is clean. Transformers lose energy through heat loss. The energy lost by conventional UPS designs during normal utility power operation is significant.

CyberPower GreenPower UPS™ Technology bypasses the transformer when utility power is normal, thus reducing energy consumption and cost. Since most utility power operates normally 88% of the time, the GreenPower UPS™ operates in energy saving bypass mode a majority of the time. Also, this technology significantly reduces heat generation, which is an important benefit in many data centers.



Estimate your Savings!

Use the following formula to estimate an annual GreenPower UPS energy cost reduction:

[UPS KVA Rating] **x** [Power Factor] **x** [Average increased efficiency of a GreenPower UPS] **x** [Hours/Year] **x** [Utility Cost (KWh)] **x** [Cooling cost of conventional UPS]

^{*}The efficiency percentage will vary, based on differences in design.

^{**}Utility cost in KWH will vary by location.

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