

CyberPower®

SMART APP ONLINE UPS SERIES

Mission-Critical Power Protection



CyberPower Smart App Online rack/tower UPS models use double conversion topology to provide sine wave output to protect mission-critical applications and equipment requiring seamless power correction. These units offer generator compatibility and deliver clean AC power with zero transfer time.

Featuring Extended Battery Modules (EBMs) to expand runtime, Fast Charge Technology to restore full backup power faster, Smart Battery Management charging technology, an extendable LCD control panel, and energy-saving GreenPower UPS™ ECO Mode.

SMART APP ONLINE UPS SERIES

Safeguard mission-critical enterprise network equipment

Hot-swappable batteries

Extendable,
multifunctioning
LCD control panel



Fast Charge Technology

SNMP/HTTP network slot



Extended Battery Module (EBM)

Battery & surge protected outlets

Critical & non-critical loads

CUSTOMER INSPIRED



Extendable LCD Panel displays UPS status data and configure operating settings up to 10 ft. away



Critical and Non-Critical Loads allow users to shut off non-critical equipment allowing additional runtime for critical load outlets.



GreenPower UPS™ ECO Mode improves UPS efficiency helping save on electrical and cooling costs

PROFESSIONAL GRADE



Sine wave output safeguards sensitive server and storage equipment.



Remote management capabilities help monitor and control the UPS remotely. Supports remote monitoring via standard web browser, command line interface (CLI), or network management system (NMS).



Generator Compatible provides stable sine wave output without switching to battery mode when running on generator input power.

INNOVATIVE TECHNOLOGY



Smart Battery Management improves and extends the life of the battery using a three-cycle charging process.



Fast Charge Technology recharges batteries, including EBMs, from 0% to 90% in three hours.



PowerPanel® Business Edition software provides a user-friendly interface for monitoring and managing UPS and backup power.

SMART APP ONLINE UPS SERIES

	OL1000RTLX2U/N	OL1500RTLX2U/N	OL2200RTLX2U/N	OL3000RTLX2U/N	OL3000RTLX2UHVN
UPS Topology	Online Double Conversion				
GreenPower UPS™ ECO Mode Efficiency	>94%		>95%		>97%
OUTPUT					
Power Capacity	1000VA / 900W	1500VA / 1350W	2200VA / 1800W	3000VA / 2700W	3000VA / 2700W
Rated Power Factor	0.9		0.82	0.9	
Outlets	8 Outlets Total 4 Critical Load 4 Surge Only		7 Outlets Total 4 Critical Load 3 Surge Only		3 Outlets Total 3 Critical Load 0 Surge Only
On Battery Voltage	100 / 110 / 120 / 125Vac ±2% (configurable)				200/208/220/ 230/240±2%
Outlet Type	(8) NEMA 5-15R		(6) NEMA 5-20R (1) NEMA L5-20R	(6) NEMA 5-20R (1) NEMA L5-30R	(2) NEMA L6-20R (1) NEMA L6-30R
Transfer Time	0 ms				
On Battery Frequency	50/60 Hz ±0.25 Hz (auto-sensing, configurable)				
On Battery Waveform	Sine Wave				
ECO Mode Bypass Voltage Range	±10%, ±15% (configurable)				
Harmonic Distortion (THD)	<3% at linear load, <5% at non-linear load				
Overload Protection	Line Mode: 105% to 125% load 1 min., 126% to 150% load 10 sec. Battery Mode: 105% to 130% load 10 sec., 131% to 150% 2 sec.				

INPUT					
Nominal Voltage	100 - 125 VAC				200 - 240 VAC
Voltage Range	60V-69V, 0%-60% load; 70V-79V, 0%-70% load; 80V-89V, 0%-80% load; 90V-95V, 0-90% load; 96V-150V, 0-100% load				120-139V, 0-60%; 140-159V, 0-70%; 180-189V, 0-90%; 190-280V 0-100%
Plug Type and Style	NEMA 5-15P		NEMA 5-20P	NEMA L5-30P	

Cord Length: 10 feet / 3 meters, Frequency Range: 40 Hz - 70 Hz (auto-sensing), Input Power Factor: 0.99

BATTERIES					
Runtime at Half Load (min)	20	11	20	11	
Runtime at Full Load (min)	7.4	3.4	6.5	3.5	
Replacement Battery (Hot Swappable)	RB1290X3L			RB1290X6A	
Replacement Battery Quantity	3			6	
Optional Extended Battery Module (EBM)	BP36V60ART2U			BP72V60ART2U	

Battery Type / Battery Size: Sealed lead acid / 12 V / 9A H

SURGE PROTECTION AND FILTERING					
Surge Protection EMI/RFI Filtration	1780 Joules, per IEC 61000-4-5 Level 3		1335 Joules, per IEC 61000-4-5 Level 3	445 Joules, IEC 6100-4-5 Lv3	

Phone RJ-11 / Ethernet Surge Protection RJ-45: (1) One In / (1) Out Combo

RUNTIME TABLE					
LOAD (WATTS)	OL1000RTLX2U/N	OL1500RTLX2U/N	OL2200RTLX2U/N	OL3000RTLX2U/N	OL3000RTLX2UHVN
100	98	88	167	134	134
200	48	42	98	98	98
500	17	16	40	36	36
700	11	10	28	24	24
1000		6.3	16	16	16
1500			10	10	10
1700			7.6	8.6	8.6
2000				6.5	6.5
2200				5.5	5.5
2500				4	4
2700				3.5	3.5

MANAGEMENT & COMMUNICATIONS	
Multifunction LCD Panel	Access 23 scrollable system status metrics, 25 configuration settings, and an events log.
LED Indicators	Power On, Line Mode, Battery Mode, Bypass Mode, Fault, Replace Battery
Audible Alarms	Battery Mode, Battery Low, Overload, UPS Fault.
Communication Ports	HID Compliant USB Port, Serial Port, Emergency Power Off (EPO) Port, Dry Contact Port
Management Cables	USB Cable, Serial Cable
Software	PowerPanel® Business Edition (Windows, Mac, Linux, VMware vSphere)
SNMP/HTTP Remote Monitoring	*Optional RMCARD205. Pre-Installed in model version ending in (N).

PHYSICAL					
Dimensions Width Height Depth - in. / cm.	17 x 3.5 x 16.9 in. / 43.3 x 88 x 43 cm.			17 x 3.5 x 23.62 in. / 43.4 x 88 x 60 cm.	
Weight - lbs. / kg.	39.6lbs. / 18kg.			68.2lbs. / 31kg.	
Shipping Dimensions - in. / cm.	21.65 x 9.5 x 23.23 in. / 55 x 24 x 59 cm.		23.2 x 9.5 x 35in. / 59 x 24 x 89 cm.		22.5x9.5x35in./43.3x89x60cm.
Shipping Weight - lbs. / kg.	53.9lbs. / 24.4kg.		86.9lbs. / 39.4kg.		87.08lbs. / 39.5kg.

Rack Size and Form Factor 2U Rack / Tower convertible (rotatable LCD display). All hardware included.

ENVIRONMENTAL OPERATING CONDITIONS					
Online Therma Dissipation (100% Load)	341 BTU/h	529 BTU/h	736 BTU/h	1116 BTU/h	790 BTU/h
ECO Mode Thermal Dissipation (100% Load)	189 BTU/h	232 BTU/h	289 BTU/h	465 BTU/h	207 BTU/h
Audible noise 1M from surface of unit	38 to 55 dBA (0% to 100% load)				
Operating Temperature Humidity Elevation	32 °F to 104 °F (0 °C- to 40 °C) 0% to 90% non-condensing. 0 ft. to 10,000 ft. (0 to 3,000 m.)				
Storage Temperature Humidity Elevation	-4 °F to 113 °F (-20 °C to 45 °C). 0% to 95% non condensing. 0 ft. to 50,000 ft. (0 to 15,000 m.)				

CERTIFICATIONS					
Safety	UL1778, CSA C22.2 NO.107.3-05, FCC DoC Class B			UL1778, CSA C22.2 NO.107.3-05, FCC DoC Class A	UL1778, CSA C22.2, NO.107.3 FCC Part 15 Class A
Environmental	ROHS Compliant				

WARRANTY					
Product Warranty	3 Years Limited, including batteries				
Connected Equipment Guarantee	USD \$400,000				
Optional 2-Year Warranty Extension	WEXT5YR-U4A		WEXT5YR-U4B		



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