



OL2200RTXL2UN | SMART APP ONLINE UPS



Prevent business interruptions and safeguard mission-critical enterprise network equipment.

The CyberPower OL2200RTXL2UN is a rack/tower UPS with double conversion topology. It provides sine wave output to critical applications and equipment that require seamless power correction. The Extended Battery Module (EBM) expands runtime, and Fast Charge Technology restores full backup power faster. This model comes with an extendable LCD control panel, Smart Battery Management charging technology, and energy-saving GreenPower UPS™ ECO Mode.

The OL2200RTXL2UN offers generator compatibility and delivers clean AC power with zero transfer time. A factory installed RM card allows remote management and configuration of the UPS via a standard web browser, command line interface (CLI), or network management system (NMS). Its sine wave output keeps sensitive equipment working by preventing unnecessary shutdowns that can occur with simulated sine wave output.

With a \$400,000 lifetime connected equipment guarantee and a three-year warranty, you can trust CyberPower's commitment to high quality.

TYPICAL APPLICATIONS

- Corporate Servers
- Network and Storage Devices
- Edge Closets
- PBX and VoIP Installations
- Enterprise Servers

FEATURES

- Capacity: 2200 VA / 1800 W
- Power Factor (PF): 0.82
- Topology: Double-Conversion
- Waveform: Sine Wave
- Output: 100, 110, 115, 120, 125 V +/- 2% (configurable)
- Runtime (half/full): 21 minutes / 8 minutes
- Plug type & cord: NEMA 5-20P, 10-ft. cord
- Outlets: 7
- Outlet types: 6 x NEMA 5-20R, 1 x L5-20R
- Monitoring & Management: USB, Serial, RMCARD205, Relay, EPO
- Upgradeable UPS Firmware: Yes
- Data line surge protection: Telephone, Network
- Management software: PowerPanel® Business Edition
- Energy Saving: ECO Mode Efficiency >95%
- ENERGY STAR® qualified: Yes
- Remote management: RMCARD205 pre-installed
- Smart Battery Management: Yes
- Fast Charge Technology: Yes
- Environmental sensor: Optional
- Warranty: Three-Year
- Connected Equipment Guarantee: \$400,000

SPECIFICATIONS

GENERAL	
Energy Saving	ECO Mode Efficiency >95%
Energy Star Certified	Yes
UPS Topology	Online Double Conversion
INPUT	
Circuit Breaker	20 A
Cold Start	Yes
Cord Length	10 ft. (3.0 m)
Input Frequency Range	40 Hz - 70 Hz

INPUT - CONT.	
Input Plug Type	NEMA 5-20P
Input Power Factor	0.99
Input Voltage Range	60 VAC - 69 VAC for 0-60% Load 70 VAC - 79 VAC for 0-70% Load 80 VAC - 89 VAC for 0-80% Load 90 VAC - 95 VAC for 0-90% Load 96 VAC - 150 VAC for 0-100% Load
Nominal Input Voltage	100 - 125 VAC

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SPECIFICATIONS CONT.

OUTPUT		BATTERY	
Bypass	Internal Bypass (Automatic and Manual)	Battery Quantity	6
Crest Factor	3 : 1	Battery Size	12 V / 9 Ah
ECO Mode Voltage Regulation	+/-10%, +/-15% (Configurable)	Battery Type	Sealed Lead Acid
Harmonic Distortion	< 3% at Linear Load < 5% at Non-Linear Load	Extended Battery Module	BP72V60ART2U
Nominal Output Voltage	100 - 125 VAC	Hot-Swappable	Yes
On Battery Frequency	50/60 Hz +/-0.25Hz (auto-sensing or configurable)	Replacement Battery	1 x RB1290X6A
On Battery Voltage	100 / 110 / 115 / 120 / 125 VAC +/-2% (configurable)	Runtime at Full Load	8 min
On Battery Waveform	Sine Wave	Runtime at Half Load	21 min
Outlet Type	6 x NEMA 5-20R 1 x NEMA L5-20R	Smart Battery Management (SMB) Mode	Yes
Outlets - Total	7	Typical Recharge Time	4 hours (0% to 90% charged)
Output Power Factor	0.8	User-Replaceable Battery	Yes
Overload Protection	Line Mode: 105% - 125% Load - 1 min Line Mode: 126% - 150% Load - 10 sec Battery Mode: 105% - 130% Load - 10 sec Battery Mode: 131% - 150% Load - 2 sec	SURGE PROTECTION & FILTERING	
Short Circuit Protection	UPS Output Cut Off Immediately or Input Fuse / Circuit Breaker Protection	EMI/RFI Filtration	Yes
Typical Transfer Time	0 ms	Phone / Network Protection RJ11 / RJ45	1-In / 1-Out (combo)
VA	2200 VA	Surge Suppression	1335 J
VA by Input Type	2,200 (2.2 kVA) at 120, 125 V input 1,980 (2.0 kVA) at 115, 110 V input 1,760 (1.8 kVA) at 100 V input	MANAGEMENT & COMMUNICATIONS	
Watts	1800 W	Audible Alarms	Battery Mode, Battery Low, Overload, UPS Fault
Watts by Input Type	1,800 (1.8 kW) at 120, 125 V input 1,620 (1.6 kW) at 115, 110 V input 1,440 (1.4 kW) at 100 V input	Dry Contacts	Yes
		Emergency Power Off (EPO) Port	Yes
		Expansion Slot	Yes - RMCARD205 pre-installed
		HID Compliant USB Port	Yes
		LCD	Multifunction LCD
		LED Indicators	Power On (white) Line Mode (green) Battery Mode (yellow) Bypass Mode (yellow) Fault (red) Replace Battery (red)
		Management Cable	USB Cable
		Removable LCD Control Panel Option	Yes, requires DB26 cable (not included)
		Rotatable LCD Control Panel Option	Yes
		Serial Port	1 Serial
		Software	PowerPanel® Business Edition
		Upgradeable Firmware	Yes

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SPECIFICATIONS CONT.

PHYSICAL

Color	Black
Form Factor	Rack / Tower
Material of Construction	Metal
Rack Mounting Hardware	Yes
Rack Height	2U

PHYSICAL DIMENSIONS

Physical Dimensions - Width/Height/Depth (cm)	43.18 x 8.89 x 59.99 cm
Physical Dimensions - Width/Height/Depth (mm)	432 x 89 x 600 mm
Physical Dimensions - Width/Height/Depth (in.)	17 x 3.5 x 23.62 in.
Weight (kg)	30.93 kg
Weight (lb)	68.2 lbs.

SHIPPING DIMENSIONS

Shipping Dimensions - Width/Height/Depth (cm)	57.15 x 22.86 x 87.63 cm
Shipping Dimensions - Width/Height/Depth (mm)	571.5 x 228.6 x 876.3 mm
Shipping Dimensions - Width/Height/Depth (in.)	22.5 x 9.0 x 34.5 in.
Shipping Weight (kg)	39.5 kg
Shipping Weight (lbs.)	87.08 lbs.

ENVIRONMENTAL

Audible noise at 1m from surface of unit	38 dBA to 55 dBA (0% to 100% load)
ECO Mode Thermal Dissipation	249 BTU/hr
Online Thermal Dissipation	541 BTU/hr
Operating Elevation	0 ft to 10,000 ft (0 to 3,048 m)
Operating Relative Humidity	0% to 90% non-condensing
Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
Storage Elevation	0 ft to 50,000 ft (0 m to 15,239 m)
Storage Relative Humidity	0% to 95% non-condensing
Storage Temperature	-4 °F to 113 °F (-20 °C to 45 °C)

CERTIFICATIONS

Environmental	RoHS Compliant
Safety	UL1778 FCC Part 15 Class A CSA C22.2 No. 107.3

WARRANTY

CEG Amount	\$400,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U4B
Product Warranty	3-Year Limited