CyberPower

OL1000RTXL2UN | SMART APP ONLINE UPS

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

The CyberPower OL1000RTXL2UN 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 OL1000RTXL2UN 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: 1000 VA / 900 W
- Power Factor (PF): 0.9
- 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 5-15P, 10-ft. cord
- Outlet types: 8 × NEMA 5-15R
- 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 >94%
- 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 >94%
Energy Star Certified	Yes
UPS Topology	Online Double Conversion
INPUT	
Circuit Breaker	15 A
Cold Start	Yes
Cord Length	10 ft. (3.0 m)
Input Frequency Range	40 Hz – 70 Hz

INPUT - CONT.	
Input Plug Type	NEMA 5-15P
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

Bypass	Internal Bypass (Automatic and Manual)
Crest Factor	3 : 1
ECO Mode Voltage Regulation	+/-10%, +/-15% (Configurable)
Harmonic Distortion	< 3% at Linear Load < 5% at Non-Linear Load
Nominal Output Voltage	100 - 125 VAC
On Battery Frequency	50/60 Hz +/-0.25Hz (auto-sensing or configurable)
On Battery Voltage	100 / 110 / 115 / 120 / 125 VAC +/-2% (configurable)
On Battery Waveform	Sine Wave
Outlet Type	8 x NEMA 5-15R
Outlets - Total	8
Output Power Factor	0.9
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
Short Circuit Protection	UPS Output Cut Off Immediately or Input Fuse / Circuit Breaker Protection
Typical Transfer Time	0 ms
VA	1000 VA
Watts	900 W

BATTERY

Battery Quantity	3
Battery Size	12 V/9 Ah
Battery Type	Sealed Lead Acid
Extended Battery Module	BP36V60ART2U
Hot-Swappable	Yes
Replacement Battery	1 x RB1290X3L
Runtime at Full Load	8 min
Runtime at Half Load	21 min
Smart Battery Management (SMB) Mode	Yes
Typical Recharge Time	4 hours (0% to 90% charged)

SURGE PROTECTION & FILTERING

EMI/RFI Filtration	Yes
Phone / Network Protection RJ11 / RJ45	1-In / 1-Out (combo)
Surge Suppression	1780 J

MANAGEMENT & COMMUNICATIONS

Audible Alarms	Battery Mode, Battery Low, Overload, UPS Fault
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

PHYSICAL

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

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SPECIFICATIONS CONT.

PHYSICAL DIMENSIONS

Physical Dimensions - Width/Height/Depth (cm)	43.18 x 8.89 x 42.93 cm
Physical Dimensions - Width/Height/Depth (mm)	432 x 89 x 429 mm
Physical Dimensions - Width/Height/Depth (in.)	17 x 3.5 x 16.9 in.
Weight (kg)	17.96 kg
Weight (lb)	39.6 lbs.

SHIPPING DIMENSIONS

Shipping Dimensions - Width/Height/Depth (cm)	54.61 x 23.55 x 57.15 cm
Shipping Dimensions - Width/Height/Depth (mm)	546.1 x 235.46 x 571.5 mm
Shipping Dimensions - Width/Height/Depth (in.)	21.5 x 9.27 x 22.5 in.
Shipping Weight (kg)	24.27 kg
Shipping Weight (lbs.)	53.50 lbs.

ENVIRONMENTAL

Audible noise at 1m from surface of unit	38 dBA to 55 dBA (0% to 100% load)
ECO Mode Thermal Dissipation	108 BTU/hr
Online Thermal Dissipation	274 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 B CSA C22.2 No. 107.3

WARRANTY

CEG Amount	$400,000
Connected Equipment Guarantee	Lifetime
Extended Warranty Option	WEXT5YR-U4A
Product Warranty	3-Year Limited