CyberPower

OL1500RTXL2UN
SMART APP ONLINE UPS

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

The CyberPower OL1500RTXL2UN 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 OL1500RTXL2UN 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 and Enterprise Servers
- Network and Storage Devices
- Edge Closets
- PBX and VoIP Installations

FEATURES
- 1500VA / 1350W
- Double Conversion Topology
- Sine wave output, zero transfer time
- Configurable Output - 100, 110, 115, 120, 125 V, 50/60 Hz
- GreenPower UPS™ ECO Mode
- RM205CARD for remote monitoring
- 2U Rack Mount/Tower Convertible
- Outlets: (8) NEMA 5-15R
- PowerPanel® Business Edition Management Software

SPECIFICATIONS

GENERAL	
UPS Topology	Double Conversion
Energy Saving	Yes, ECO Mode Efficiency >95%

INPUT	
Input Voltage Range	60 – 69 VAC for 0–60% load 70 – 79 VAC for 0–70% load 80 – 89 VAC for 0–80% load 90 – 95 VAC for 0–90% load 96 – 150 VAC for 0–100% load
Frequency Range	40 – 70 Hz (auto sensing)
Input Power Factor	0.99
Cold Start	Yes
Plug Type	NEMA 5-15P
Cord Length (ft)	10
Cord Length (m)	3

OUTPUT	
VA	1,500 VA at 120, 125 V 1,350 VA at 115, 110 V 1,200 VA at 100 V
Watts	1,350 W at 120, 125 V 1,215 W at 115, 110 V 1,080 W at 100 V
Rated Power Factor	0.9
On Battery Waveform	Sine wave
On Battery Voltage	100, 110, 115, 120, 125 V ± 2% (configurable)
On Battery Frequency	50/60 Hz ± 0.25 Hz (auto-sensing or configurable)
Harmonic Distortion	THD < 3% at Linear Load, < 5% at Non-linear Load
Crest Factor	3:1
Outlets - Total	8
Outlet Type	NEMA 5-15R (8)

SPECIFICATIONS CONT.

OUTPUT (cont.)

Overload Protection	Line Mode: 105% to 125% load for 1 min 26% to 150% load for 10 sec Battery Mode: 105% to 130% load for 10 sec 131% to 150% load for 2 sec
Bypass	Internal Bypass (Automatic and Manual)
Transfer Time	0 ms

BATTERY

Runtime at Half Load	11 minutes
Runtime at Full Load	3.4 minutes
Battery Type	Sealed Lead-Acid
Battery Size	12V/9Ah
Battery Quantity	3
Replacement Battery Cartridge	RB1290X3L
Replacement Battery Cartridge Quantity	1
Hot Swappable	Yes
Typical Recharge Time	4 h (0% to 90%)
Smart Battery Management (SBM) Mode	Yes
Extended Battery Option	BP36V60ART2U

SURGE PROTECTION & FILTERING

Surge Protection	1780 Joules, per IEC 61000-4-5 Level 3
Phone RJ11 / Ethernet RJ45	1-In / 1-Out (Combo)
EMI/RFI Filtration	Yes

MANAGEMENT & COMMUNICATIONS

LCD Control Panel	Supports: Multi-Language Interface, 25 Types of Function Setting, 24 Types of Read Out and 5 Event Logs.
Rotatable LCD Control Panel Option	Yes
Removable LCD Control Panel Option	Yes - Requires a separate DB26 Cable
HID Compliant USB Port	Yes
Serial Port	Yes
EPO Port	Yes
Dry Contacts	Yes
Cables Included	USB cable Serial cable Phone cable
LED Indicators	Power On (white) Line Mode (green) Battery Mode (yellow) Bypass Mode (yellow) Fault (red) Replace Battery (red)
Audible Alarms	Battery Mode Battery Low Overload UPS Fault
Software	PowerPanel® Business Edition
Upgradeable Firmware	Yes
Expansion Slot	RMCARD205 pre-installed

PHYSICAL

Form Factor	Rack/Tower
Color	Black
Enclosure Construction	Steel
Mounting Hardware Included	Yes
Dimensions (WxHxD) (in.)	17 x 3.5 x 16.9 (in)
Dimensions (WxHxD) (mm.)	432 x 89 x 429 (mm)
Weight (lbs)	39.6
Weight (kg)	17.96
Rack Size	2U

SHIPPING DIMENSIONS

Dimensions (WxHxD) (in.)	9.14 x 22.5 x 21.5 (in)
Dimensions (WxHxD) (mm.)	232.16 x 571.5 x 546.1 (mm)
Weight (lbs)	55
Weight (kg)	24.95

SPECIFICATIONS CONT.

ENVIRONMENTAL

Operating Temperature	32 – 104 °F (0 – 40 °C)
Operating Relative Humidity	0 – 95% (non-condensing)
Operating Elevation	0 – 10,000 ft (0 – 3,000 m)
Storage Temperature	-4°F to 113 °F (-20°C to 45 °C)
Storage Relative Humidity	0 – 95% (non-condensing)
Storage Elevation	0 – 50,000 ft (0 – 15,000 m)
UPS Online Thermal Dissipation (100% load)	478 BTU/hr
ECO Mode Thermal Dissipation (100% Load)	207 BTU/h
Audible noise at 1m from surface of unit	38 to 55 dBA (0 to 100% load)

CERTIFICATIONS

Safety	UL 1778 5th Ed. CSA C22.2 NO.107.3-05 FCC Part 15 Class B
Environmental	RoHS compliant

WARRANTY

Product Warranty	3 Years Limited
Extended 2-Year Warranty	Optional WEXT5YR-U4A
Connected Equipment Guarantee	Lifetime
CEG Amount	$400,000