

OL3000RTL2U

For mission-critical enterprise applications requiring maximum power protection.



KEY FEATURES:

- 3000VA / 2700W
- Double-Conversion Topology
- Selectable Output - 100, 110, 115, 120, 125V - 50/60 Hz
- LCD Control Panel
with Removable Display Option
- GreenPower UPS™ ECO Mode
- 2U Rack/Tower Form Factor
- Extended Battery Module Options
with Fast Charge Technology
- SNMP/HTTP Remote Management
- 7 Outlets / USB, Serial, EPO and
Dry Contact Ports
- PowerPanel® Business Edition

Runtimes:

3 Minutes at Full-load
10 Minutes at Half-load

The CyberPower Smart App Online OL3000RTL2U rack/tower uninterruptible power supply (UPS) with LCD control panel and pure sine wave output safeguards mission-critical servers, data center and telecom equipment, VoIP and internetworking hardware that require seamless power correction. Its Double-Conversion topology is generator compatible and delivers consistent and clean AC power with zero transfer time, protecting connected equipment and preventing costly business interruptions. Auto-bypass insures connected equipment continues to operate seamlessly when an overload or internal fault is detected.

Configurable GreenPower UPS™ ECO Mode improves UPS efficiency to 93% and reduces electrical and cooling costs. Smart Battery Management (SBM) uses a 3 cycle charging mode to improve battery life while reducing heat being generated.

A Three-Year Warranty ensures that this UPS has passed our highest quality standards in design, assembly, material or workmanship and further protection is offered by a \$400,000 Connected Equipment Guarantee.

FEATURES & BENEFITS:

Double-Conversion & Pure Sine Wave Output –

The OL3000RTL2U with Double-Conversion topology provides continuous pure sine wave output with zero transfer time by converting utility AC power to DC power and inverting it back to pure sine wave AC output. The output power is identical to or cleaner than the power from the utility company grid, free of harmonic distortion and electrical noise, resulting in optimal line clarity.

LCD Control Panel – With 43 different settings, the innovative LCD interface enables users to check UPS status, manage setup & control and run testing options. Status and log menus provide UPS vitals including input & output voltage levels, battery information, runtime estimates, load information, event and fault logging and other system information. The Configuration menu offers IT managers the ability to customize their OL3000RTL2U UPS to their specific parameters of operation including output voltage, sync frequency, alarm settings and other parameters. The Test menu enables self testing to insure your UPS is operating correctly.

Removable LCD Control Panel – The LCD control panel on the OL3000RTL2U can be removed and relocated for easy viewing by using a DB26 cable (sold separately) that can be attached to the front of the UPS. This feature provides easy access to view, up to 10 ft. away, status or change settings on the UPS when its installed in a hard to reach area such as the bottom of a rack, in a crowded IT closet, or on the floor.

GreenPower UPS™ Eco Mode – The OL3000RTL2U can be placed into an ECO mode that places the UPS into a bypass state with a user selectable voltage range for switching back to traditional Double-Conversion online mode. This mode improves the UPS efficiency from 90% to 93%. Cost savings are not only achieved by reducing energy consumption, but also by lowering the heat generated by the UPS.

Extended Battery Module (EBM) – The runtime of the OL3000RTL2U can be extended by integrating additional EBM (BP72V60ART2U). The OL Series UPS can have up to ten modules added. With the easy to use LCD control panel, you can select the number of additional EBMs and it will provide the correct estimated run-time for your configuration. (For requirements beyond 10 EMBs, contact CyberPower Technical support for directions).

Fast Charge Technology – Each UPS and EBM (BP72V60ART2U) has its own built in charger that enables the UPS to recover its charge rapidly when utility power is restored. As a result, your charging time remains the same whether you add one EBM or ten modules.

Smart Battery Management (SBM) – SBM uses a 3-cycle charging mode that improves battery life and reduces heat generated. The first mode charges the battery to full, the second mode maintains the charge at max and the final mode turns the charger off and allows the battery to “rest”. After a slight discharge, the UPS will restart the cycle ensuring runtimes are maintained.



CyberPower's patented GreenPower UPS™ technology reduces UPS energy costs up to 75%! Save money and help reduce carbon emissions.

PowerPanel® Business Edition UPS Management Software – This software suite manages the power for all servers and computers supported by the UPS on a network. Features include application/OS shutdown, event logging (power, surge and voltage variations), hibernation mode, internal reports and analysis, as well as remote management capability for comprehensive power control.

Windows Compatibility – Our PowerPanel power management software has been fully tested and is compatible with Windows 8 32/64, Windows 7 32/64, Vista 32/64, XP 32/64, 2000, 2003, Server 2008 and Server 2012.

Linux & Virtual Machine OS Compatibility – PowerPanel power management software has been fully tested and is compatible with most mainstream distributions of Linux and many of the popular versions of Virtual Machine Operating Systems such as VMware ESX / ESXi and Citrix.

Critical & Noncritical Loads – The UPS has two banks of outlets that can be configured so that the noncritical loads shut off after a set time frame to provide additional runtime for the critical load outlet. Users can prioritize their equipments runtimes to maximize the output of the UPS to meet their power requirements.

Emergency Power Off (EPO) – The EPO port can be connected to a master power switch allowing the power to be cut to the UPS in the event of an emergency.

Generator Compatible – When connected to a generator, the UPS can have the generator mode enabled so the UPS continues to receive input power, even when the generator output frequency is less than stable. The UPS will take the unstable input power and distribute it to connected equipment in pure sine wave output that is free of harmonics and distortion.

Converter Mode – With OL3000RTXL2U, IT managers have the flexibility to set the output frequency, regardless of the input frequency, to match their connected equipment by selecting a 50Hz or 60Hz output on the LCD control panel.

Multiple Language Options – The OL3000RTXL2U LCD control panel can be configured in English, Spanish and French for ease of use.

USB & Serial Connectivity – HID compliant USB port and Serial port enables full integration with built-in power management and auto shutdown features of Windows, Linux and VMware.

EMI/RFI Filters – Filters against electromagnetic interference and radio frequency interference ensuring clean power for connected equipment.

Audible Alarms – Distinctive tones identify when the unit is running on battery power, if it is overloaded, or when the battery is low.

Resettable Circuit Breakers – Convenient unit reset switch in case of an overload.

3-Year Warranty – Stringent manufacturing processes and innovative product design enables CyberPower to offer one of the strongest warranties in our industry. CyberPower will repair or replace damaged units within three (3) years of purchase date.

Technical Support – CyberPower will assist customers with any product, installation, or warranty concerns.

ISO & Safety Certifications – All CyberPower manufacturing facilities are state-of-the-art and ISO-9001 Quality Tested. Our products are certified by the FCC, cUL and UL.



OL3000RTXL2U SPECIFICATIONS

GENERAL	
UPS Topology	Double-Conversion
Energy Saving	Yes - ECO Mode Efficiency >93%
INPUT	
Voltage	100Vac - 125Vac
Input Voltage Range	60Vac - 69Vac for 0-60% Load, 70Vac - 79Vac for 0-70% Load, 80Vac - 89Vac for 0-80% Load, 90Vac - 95Vac for 0-90% Load, 96Vac - 150Vac for 0-100% Load
Input Frequency Range	40Hz - 70Hz (auto-sensing)
Input Power Factor	0.99
Cold Start	Yes
Plug Type	NEMA L5-30P
Cord Length	10'
OUTPUT	
VA	3,000
Watts	2,700
On Battery Waveform	Sine Wave
On Battery Voltage	100, 110, 115, 120, 125Vac (Configurable) ± 2%
On Battery Frequency	50/60Hz (Auto-Sensing or Configurable) ±0.25Hz
Overload Protection	Line Mode: 105-125% Load for 1 min, 126-150% Load for 10 sec, Battery Mode: 105-130% Load for 10 sec, 131-150% Load for 2 sec
Outlets - Total	7
Outlet Type	NEMA 5-20R (6) , L5-30R (1)
Rated Power Factor	0.9
Crest Factor	3:01
Harmonic Distortion	THD < 3% at Linear Load, < 5% at Non-linear Load
ECO Mode Voltage Regulation	±10%, ±15% (Configurable)
Bypass	Internal Bypass (Automatic and Manual)
Transfer Time	0ms
BATTERY	
Runtime at Half Load (min)	10
Runtime at Full Load (min)	3
Battery Type	Sealed lead-acid
Battery Size	12V/9AH
User Replaceable	Yes
Hot-Swappable	Yes
Typical Recharge Time	4 Hours
Replacement Battery	RB1290X6
Battery Quantity	6
Extended Battery Module	BP72V60ART2U
Smart Battery Management (SBM) Mode	Yes
SURGE PROTECTION & FILTERING	
Surge Suppression	Network Grade Surge Protection
Phone / Ethernet RJ11 / RJ45	1-In, 1-Out (Combo)
EMI/RFI Filtration	Yes

MANAGEMENT & COMMUNICATIONS	
LCD Control Panel	43 different settings or status options via the UPS Status menu , UPS Setup menu, and run Testing menus.
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
Management Cable	USB Cable, Serial 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, Replace Battery
Software	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes - Optional RMCARD302 or RMCARD303
PHYSICAL	
Rack Size	2U
Form Factor	Rack/Tower
Enclosure Construction	Steel
Mounting Hardware	Included
Dimensions (WxHxD) (in.)	17 x 3.5 x 23.62
Dimensions (WxHxD) (mm.)	433 x 88 x 600
Weight (lbs.)	68.2
Weight (kg.)	31
Shipping Dimensions (WxHxD) (in.)	23.23 x 8.43 x 35.04
Shipping Dimensions (WxHxD) (mm.)	590 x 214.1 x 890
Shipping Weight (lbs.)	86.9
Shipping Weight (kg.)	39.4
ENVIRONMENTAL	
Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C
Operating Humidity	0% - 90% non-condensing
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	5 °F to 113°F / -15°C to 45 °C
Storage Relative Humidity	0% - 95% non condensing
Storage Elevation	0-50000 feet (0-15000 meters)
Online Thermal Dissipation	1,257 BTU/hr
Audible noise at 1.5M from surface of unit	<50 dBA
CERTIFICATIONS	
Certifications	UL1778, CSA C22.2 NO.107.3-05, FCC DOC Class A
RoHS	RoHS Compliant
WARRANTY	
Product Warranty	3 Years Limited
Connected Equipment Guarantee	Lifetime
CEG Amount	\$400,000