

OL8000RT3U

For mission-critical enterprise applications requiring maximum power protection.

The CyberPower Smart App Online OL8000RT3U 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 Online Double Conversion Topology is generator compatible and delivers consistent and clean AC power with zero transfer time. Configurable GreenPower UPS™ ECO Mode improves UPS efficiency to 95% and reduces electrical and cooling costs. Smart Battery Management (SBM) uses a 3 cycle charging mode to improve battery life and while reducing heat being generated.

The LCD control panel provides 38 different settings to check status and customize the operating settings for the OL8000RT3U. The LCD Control Panel can be removed and mounted separately with a DB26 cable (sold separately) from the UPS for ease of use regardless of where the UPS is installed, up to 10 ft. away.

The OL8000RT3U unit has a capacity of 8,000VA/7,200Watts that can be configured for an output of 200V, 208V, 220V, 230V and 240V +/- 2%. It features three (3) NEMA L6-30R receptacles, hardwire terminal block for output, a hardwire input connection, and maintenance-free, hot swappable, user-replaceable batteries. The runtimes are expandable by adding an External Battery Module (EBM). Network grade surge suppression and EMI/RFI filters increase the immunity of the load to noise disturbances.

This UPS unit incorporates microprocessor-based fully digital control and includes PowerPanel® Business Edition providing the user unsurpassed flexibility and control. An optional SNMP / HTTP Remote Management adapter (RMCARD302) supports remote management and control of the OL8000RT3U through a standard web browser.



KEY FEATURES:

- 8000VA / 7200W Pure Sine Wave
- Online Double Conversion Topology
- Selectable Output Voltages
- 50/60 Hz (Auto-sensing / Configurable)
- Removable LCD Control Panel
- GreenPower UPS™ ECO Mode
- SNMP/HTTP remote management
- 6U Rack/Tower Convertible Form Factor
- 4 Outlets / USB, Serial, EPO and Dry Contact ports
- PowerPanel® Business Edition

Runtimes:
8.5 Minutes at Full-load
22 Minutes at Half-load

DESIGNED FOR:

- Corporate Data Centers
- Department Servers
- Network Appliances
- Complex Security Systems
- PBX and VoIP installations



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

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 CPSwww.com

FEATURES & BENEFITS:

Online Double Conversion & Pure Sine Wave Output: The OL8000RT3U with Online 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.

LCD Control Panel: The innovative LCD interface enables users to check UPS Status, manage UPS Setup & Control, and run Testing options.

Removable LCD Control Panel: The LCD Control Panel on the OL8000RT3U can be removed and relocated up to 10 ft. away for easy viewing by using a DB26 cable (sold separately) that can be attached to the front or back of the UPS.

PowerPanel® Business Edition: Manage the power for all the servers and computers electrically connected to a UPS on a network. PowerPanel® Business Edition also has application/OS shutdown, event logging (power, surge, voltage variations), hibernation mode, internal reports and analysis, and remote management.

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

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

Critical & Non-Critical Loads: The UPS has two banks of outlets that can be configured so that the non-critical loads shut off after a set time frame to provide additional runtime for the critical load outlet.

GreenPower UPS™ ECO Mode: The OL8000RT3U 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 95%.

Extended Battery Module (EBM): The runtime of the OL8000RT3U can be extended by adding an EBM (BP240V30ART3U).

Smart Battery Management (SBM): SBM uses a 3-cycle charging mode that improves battery life and reduces heat generated.

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.

Backfeed Protection: The UPS can be connected to mains power with Backfeed Protection to prevent the risk of electric shock from any electric current feeding back from the UPS through the input terminals when utility power is lost.

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.

Converter Mode: With OL8000RT3U, 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 OL8000RT3U LCD control panel can be configured in English, Spanish, and French for ease of use.

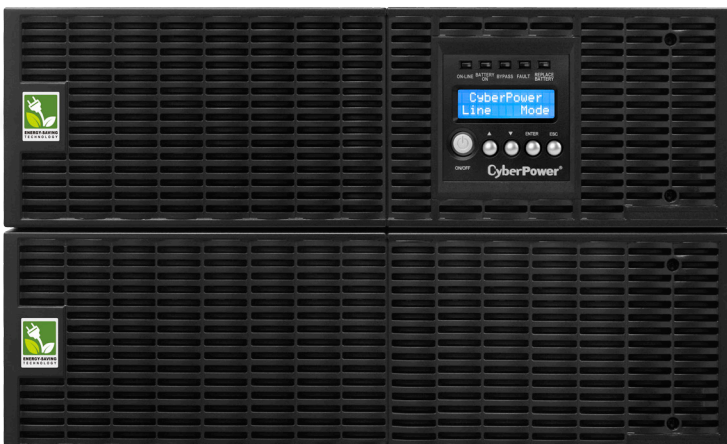
3-Year Warranty: CyberPower will repair or replace damaged units within three (3) years of purchase date.

OL8000RT3U SPECIFICATIONS

GENERAL	
UPS Topology	Online Double Conversion
Energy Saving	ECO Mode Efficiency >95%
INPUT	
Voltage	200 – 240Vac
Input Frequency Range	40Hz – 70Hz (auto-sensing)
Input Power Factor	0.99
Cold Start	Yes
Backfeed Protection	Yes
Plug Style	Hardwire
Cord Length (FT)	N/A
OUTPUT	
VA	8,000 (8 kVA)
Watts	7,200 (7.2 kW)
On Battery Waveform	Sine Wave
On Battery Voltage	200, 208, 220, 230, 240Vac (Configurable) ±2%
On Battery Frequency	50/60Hz (Auto-Sensing or Configurable) ±0.25Hz
Rated Power Factor	0.9
Harmonic Distortion	THD < 3% at Linear Load, < 5% at Non-linear Load
Crest Factor	3:1
ECO Mode Voltage Regulation	±10%, ±15% (Configurable)
Outlets - Total	4
Outlet Type	NEMA L6-30R (3) Hardware Terminal Block (1)
Bypass	Internal Bypass (Automatic and Manual)
Transfer Time	0 ms
SURGE PROTECTION & FILTERING	
Surge Suppression	Network Grade Surge Protection
Phone / Network Protection RJ11/RJ45	1-In / 1-Out
EMV/RFI Filtration	Yes

BATTERY	
Runtime at Half Load (min.)	22
Runtime at Full Load (min.)	8.5
Battery Type	Sealed lead acid
Battery Size	12V/9.0AH
Battery Quantity	20
User Replaceable	Yes
Hot Swappable	Yes
Typical Recharge Time	5 Hours
Smart Battery Management (SBM) Mode	Yes
Expandable Battery Module Option	BP240V50ART3U
Replacement Battery	RB1290X20
MANAGEMENT & COMMUNICATIONS	
LCD Control Panel	The LCD Control Panel enables users to check 38 different settings or status options via the UPS Status menu , UPS Setup menu, and run Testing menus. Refer to the "Function Setup Guide" on the "Resources" tab for complete options.
Removable LCD Control Panel	Yes - Requires a separate DB26 Cable (Two Ports - Front/Back)
HID Compliant USB Port	Yes
Serial Port	Yes
EPO Port	Yes
Dry Contacts	Yes
Management Cable	USB cable, Serial Cable, Phone line
LED Indicators	Power On (Blue), 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

MANAGEMENT & COMMUNICATIONS (CONT.)	
Software	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes - Optional RMCARD302
PHYSICAL	
Form Factor	Rack / Tower Convertible (Rotatable LCD)
<i>Power Module and Battery Module</i>	
Dimensions (WxHxD) (in.)	17 x 10.5 x 26
Dimensions (WxHxD) (mm.)	433 x 266.7 x 660
Weight (lbs.)	226.6
Weight (Kg.)	103
Installed Rack Height	6U
Enclosure Construction	Steel
Mounting Hardware Included:	Yes
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 – 113 °F (-15 – 45 °C)
Storage Relative Humidity	0% – 95% non condensing
Storage Elevation	0 – 50000 feet 0 – 15000 meters
Audible noise at 1.5M from surface of unit	55 dBA
Online Thermal Dissipation	2730 BTU/hr
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	\$300,000



CyberPower Systems, Inc. designs and manufactures state-of-the-art power protection and distribution equipment for corporate, business, home, government and educational markets. CyberPower leads the industry by surpassing customer expectations in the development, design, construction, durability and functionality of uninterruptible power supply (UPS) products for computers, peripherals and connected devices. CyberPower Systems operates in the Asian Pacific, North American, and European markets. For additional information, including sales office locations and authorized reseller partners, visit CPSwww.com.