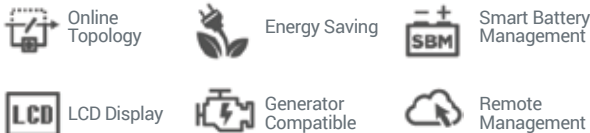**Rack Technologies**

PREFORMED LINE PRODUCTS

# ONLINE S SERIES

## The Best Quality Online Double Conversion UPS That Offers the Highest Level of Power Protection

- Online Topology
- Energy Saving
- Smart Battery Management
- LCD Display
- Generator Compatible
- Remote Management

The Online S UPS Series is ideal for servers, networking equipment, workstations and other mission-critical applications which require pure sine wave power. Featuring Online Double Conversion Topology and Zero Transfer Time, the UPS provides consistent and seamless power to critical loads.

Numerous engineering excellences showcase in this enterprise-level application including Economy Mode, Smart Battery Management and External Battery Module compatible, which further enhance its overall performance and capability. The placement-wise design could be configured in either Tower (T) or Rackmount (RM) form with the attached stands and skids to make the most of your workspace.

The optional SNMP/HTTP Remote Management Capability enables remote management and control of the system through standard web browser. Together with the PowerPanel® Business Edition management software, the UPS can provide administrators comprehensive network power management including unattended-shutdown, event logging, reporting, and notifications.

## APPLICATIONS

- Medium Business
- Corporate Data Center
- Networking, Servers & Workstations
- Industrial Equipment

## SERIES FEATURES

- Pure Sine Wave Output
- Online (Double Conversion) UPS Topology
- GreenPower UPSTM Technology
- EMI, RFI, Surge and Spike Protection
- Phone/Fax/Modem/DSL/Network Protection
- Emergency Power Off (EPO) Port
- Multifunction LCD Readout
- USB & Serial Connectivity Ports
- Generator Compatible
- User-replaceable Batteries
- Hot-swappable Batteries
- Smart Battery Management
- Extended Runtime Model - Up to 3 battery packs
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel® Business Edition Software
- Tower/Rackmount Convertible Configurations

## ONLINE DOUBLE CONVERSION TOPOLOGY

Online (Double Conversion) topology provides the perfect and reliable output quality regardless of the condition of the incoming power by converting AC power to DC power and then back to AC power. With zero transfer time during unexpected power outages, Online topology guarantees the power continuity of the mission-critical equipment to ensure 100% uptime and system protection.

## CISCO COMPATIBLE

CISCO Compatible

CyberPower® works with Cisco on the latest version of EnergyWise™ Compatibility. Go to https://www.cyberpower.com/ww/en/support/knowledge/energywise for more information.
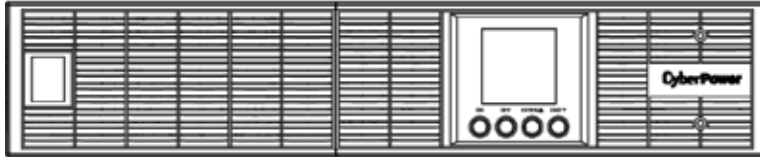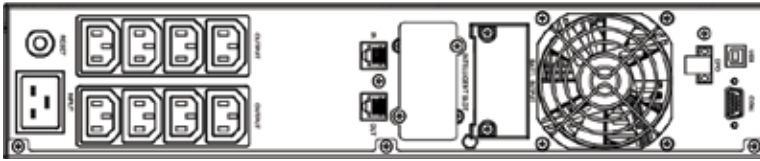
## POWERPANEL® BUSINESS EDITION SOFTWARE

**System Graceful Shutdown Software** This software can provide orderly shutdown for your computer systems during the event of an extended AC power failure. This software supports Windows, Linux, and Mac operating systems and virtual platforms Vmware, Microsoft Hyper-V, and Citrix XenServer

| Model Name | RTUPS-OLS2000ERT2U | RTUPS-OLS3000ERT2U |
|---|---|---|
| **General** | | |
| UPS Topology | Online Double Conversion | Online Double Conversion |
| Energy Saving | Online ECO Mode Efficiency > 95% | Online ECO Mode Efficiency > 95% |
| | | |
| Generator Compatibility | Yes | Yes |
| Nominal Input Voltage | 230Vac ± 10% | 230Vac ± 10% |
| Input Voltage Range | 160 - 300Vac | 160 - 300Vac |
| Input Frequency Range | 50/60 ± 10Hz (Auto-sensing) | 50/60 ± 10Hz (Auto-sensing) |
| Rated Input Current | 10A | 13A |
| Input Power Factor | 0.98 | 0.98 |
| Plug Type | IEC C20 | IEC C20 |
| **Output** | | |
| VA/Watts | 2000/1800 | 3000/2700 |
| On Battery Waveform | Pure Sine Wave | Pure Sine Wave |
| On Battery Voltage | 208, 220, 230, 240Vac ± 1% (Configurable) | 208, 220, 230, 240Vac ± 1% (Configurable) |
| On Battery Frequency | 50/60Hz ± 0.5% (Configurable) | 50/60Hz ± 0.5% (Configurable) |
| Overload Protection (Line Mode) | 110~120% Load for 1 min, >120% Load Immediately | 110~120% Load for 1 min, >120% Load Immediately |
| Overload Protection (Battery Mode) | 110~120% Load for 10 sec, >120% Load Immediately | 110~120% Load for 10 sec, >120% Load Immediately |
| Overload Protection (Bypass Mode) | >130% Load Immediately | >130% Load Immediately |
| Outlets - Total | 8 | 9 |
| Outlet Type | IEC C13 x 8 | IEC C13 x 8, IEC C19 x 1 |
| Outlets - Battery & Surge Protected | 8 | 9 |
| Rated Power Factor | 0.9 | 0.9 |
| Harmonic Distortion | THD < 3% at Linear Load, < 5% at Non-linear Load | THD < 3% at Linear Load, < 5% at Non-linear Load |
| Transfer Time | 0ms | 0ms |
| **Battery** | | |
| Runtime at Half Load (min) | 15 | 14 |
| Runtime at Full Load (min) | 5 | 4 |
| Battery Type | Sealed Lead-acid | Sealed Lead-acid |
| Battery Size | 12V / 7AH | 12V / 9AH |
| Battery Quantity | 6 | 6 |
| User-replaceable | Yes | Yes |
| Hot-swappable | Yes | Yes |
| Typical Recharge Time | 5 Hours | 5 Hours |
| Replacement Battery Pack | RBP0069 | RBP0070 |
| Replacement Battery Pack Quantity | 1 | 1 |
| Smart Battery Management (SBM) Mode | Yes | Yes |
| External Battery Module (EBM) | BPSE72V45ART2U | BPSE72V45ART2U |
| Max. EBM Quantity | 3 | 3 |
| **Surge Protection & Filtering** | | |
| Surge Suppression (Joules) | 440 | 440 |
| Phone/Network Protection RJ11/RJ45 | 1-in, 1-out | 1-in, 1-out |
| **Management & Communications** | | |
| LCD Panel | Yes | Yes |
| HID Compliant USB Port | 1 | 1 |
| Serial Port | RS232 | RS232 |
| Emergency Power Off (EPO) Port | Yes | Yes |
| Software | PowerPanel® Business Edition | PowerPanel® Business Edition |
| SNMP / HTTP Remote Monitoring | Yes - with optional RMCARD205 | Yes - with optional RMCARD205 |
| **Physical** | | |
| Form Factor | Rack/Tower | Rack/Tower |
| **Physical – UPS Module** | | |
| Dimensions (WxHxD) (mm.) | 438 x 88 x 610 | 438 x 88 x 610 |
| Weight (kg.) | 21.2 | 27.6 |
| Installed Rack Height | 2U | 2U |
| **Environmental** | | |
| Operating Temperature | 32 °F to 104 °F / 0 °C to 40 °C | 32 °F to 104 °F / 0 °C to 40 °C |
| Operating Humidity | 20% - 90% non-condensing | 20% - 90% non-condensing |
| Operating Elevation | 0-5,000 feet (0-1,500 meters) | 0-5,000 feet (0-1,500 meters) |
| Storage Temperature | -4 °F to 122°F / -20°C to 50 °C | -4 °F to 122°F / -20°C to 50 °C |
| Storage Relative Humidity | 10% - 90% non-condensing | 10% - 90% non-condensing |
| Online Thermal Dissipation | 666 BTU/hr | 1126 BTU/hr |
| **Certifications** | | |
| Certifications | CE, RCM | CE, RCM |
| RoHS Compliant | Yes | Yes |

#All specifications are subject to change without notice.
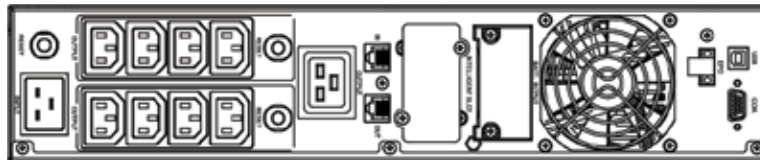
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Front



Back -OLS2000ERT2U



Back -OLS3000ERT2U

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