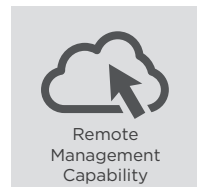## OLS1000ERT2UA/OLS2000ERT2UA
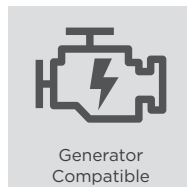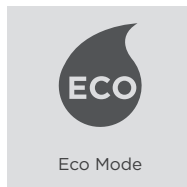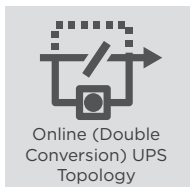## OLS3000ERT2UA

# TRUSTWORTHY ONLINE UPS TO SAFEGUARD DATA CENTER

| Online (Double Conversion) UPS Topology | Eco Mode | Generator Compatible | Zero Transfer Time | Color LCD Display | Remote Management Capability |
|---|---|---|---|---|---|

## The high-performance online double-conversion UPS that offers reliable power protection
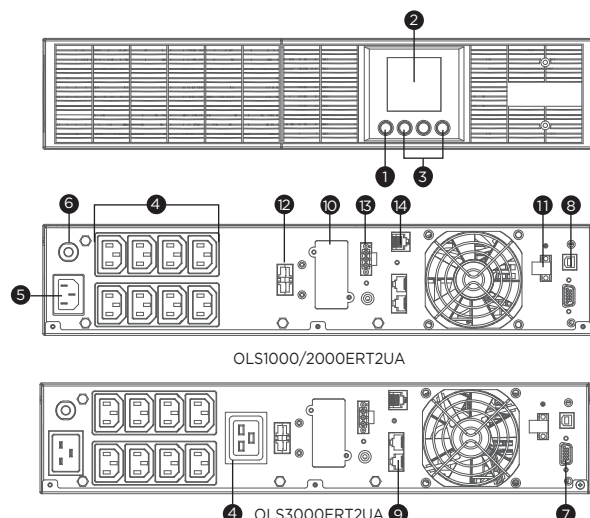
Designed for office and data center applications, the Online S Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs feature color LCD panel for users to monitor power system and configure settings easily. The products also provide relay-type dry contact to perform local management. Extended battery module auto-detection assists users to estimate UPS's runtime by automatically detecting the quantity of connected Extended Battery Modules (EBM). The variable speed fans provide automatic thermal management based on power load to reduce noise and provide greater comfort for users.

### SERIES FEATURES

- Online (Double Conversion) UPS Topology
- ECO Mode
- Generator Compatible
- Overload Protection
- Zero Transfer Time
- Smart Battery Management (SBM)
- Extended Battery Module Auto-detection
- Surge and Spike Protection
- Critical/Non-critical Load Outlets

- EMI and RFI Filtration
- Phone/Fax/Modem/DSL/Network Protection
- Color LCD Panel
- Variable Speed Fans
- Emergency Power Off (EPO) Port
- PowerPanel Management Software
- Relay-type Dry Contact
- SNMP/HTTP Remote Management Capability (Optional)

### PRODUCT CALLOUTS

1. Power On/Off Switch
2. LCD Display Panel
3. Function Button(s)
4. Battery Backup & Surge Protected Outlets
5. AC Inlet
6. Input Circuit Breaker
7. Serial Port
8. USB Port
9. Communication Protection Ports RJ-11/RJ-45
10. SNMP/HTTP Network Slot
11. EPO Port
12. Extended Battery Module Connector
13. Relay-type Dry Contact
14. Extended Battery Module Detection Connector

OLS1000/2000ERT2UA

OLS3000ERT2UA

## TECHNICAL SPECIFICATIONS

| Model Name | OLS1000ERT2UA | OLS2000ERT2UA | OLS3000ERT2UA |
|---|---|---|---|
| **General** | | | |
| UPS Topology | Online Double Conversion | | |
| Energy Saving Technology | Online ECO Mode Efficiency > 95% | | |
| Active PFC Compatibility | Yes | | |
| **Input** | | | |
| Generator Compatibility | Yes | | |
| Nominal Input Voltage (Vac) | 230 ± 10% | | |
| Input Voltage Range (Vac) | 80-300 | | |
| Input Frequency (Hz) | 50 ± 10, 60 ± 10 | | |
| Input Frequency Detection | Auto-sensing | | |
| Rated Input Current (A) | 4.5 | 9 | 13 |
| Input Power Factor | 0.99 | | |
| Input Connector Type | IEC C14 | | IEC C20 |
| **Output** | | | |
| Capacity (VA) | 1000 | 2000 | 3000 |
| Capacity (Watts) | 900 | 1800 | 2700 |
| On Battery Waveform | Pure Sine Wave | | |
| On Battery Voltage(s) (Vac) | 208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1% | | |
| Output Voltage Setting | Configurable | | |
| On Battery Frequency (Hz) | 50 ± 0.5%, 60 ± 0.5% | | |
| Output Frequency Setting | Configurable | | |
| Power Factor | 0.9 | | |
| Overload Protection | Internal Current Limiting, Circuit Breaker, Fuse | | |
| Overload Protection (Line Mode) | 110-120% Load for 1 min, >120% Load Immediately | | |
| Overload Protection (Battery Mode) | 110-120% Load for 10 sec, >120% Load Immediately | | |
| Overload Protection (Bypass Mode) | >130% Load Immediately | | |
| Harmonic Distortion (Linear Load) | THD<3% | | |
| Harmonic Distortion (Non-linear Load) | THD<5% | | |
| Outlet(s) - Total | 8 | | 9 |
| Outlet Type | IEC C13 x 8 | | IEC C19 x 1, IEC C13 x 8 |
| Outlet(s) - Battery & Surge Protected | 8 | | 9 |
| Outlet(s) - Critical Load (CL) | 4 | | 5 |
| Outlet(s) - Non-Critical Load (NCL) | 4 | | |
| Typical Transfer Time (ms) | 0 | | |
| **Battery** | | | |
| Runtime at Half Load (min) | 11 | 11.9 | 13.8 |
| Runtime at Full Load (min) | 4 | | 4.3 |
| Typical Recharge Time (Hours) | 4 | | |
| Smart Battery Management (SBM) | Yes | | |
| User-replaceable | Yes - Qualified Personnel Only | | |
| Battery Type | Sealed Lead-acid | | |
| Replacement Battery Pack | RBP0156 | RBP0157 | RBP0158 |
| RBP Quantity (pcs) | 1 | | |
| Extended Battery Module (EBM) | BPSE24V40ART2U | BPSE48V40ART2U | BPSE72V40ART2U |
| Max. EBM Quantity (pcs) | 3 | | |
| **Surge Protection & Filtering** | | | |
| Surge Suppression (Joules) | 363 | | 388 |
| EMI/RFI Filtration | Yes | | |
| Phone/Network Protection RJ11/RJ45 (Combo) | 1-in, 1-out | | |
| **Management & Communications** | | | |
| LCD Panel | Yes | | |
| LCD Types | Color LCD | | |
| LCD Orientation | Rotatable LCD – Manual | | |
| HID Compliant USB Port(s) | 1 | | |
| Serial Port | RS232 | | |
| Dry Contact (with Relay) | Yes | | |
| Emergency Power O (EPO) Port | Yes | | |
| Power Management Software | PowerPanel Business (Recommended) | | |
| SNMP/HTTP Remote Monitoring | Yes - with optional RMCARD205 | | |
| **Physical** | | | |
| Form Factor | Rackmount, Tower | | |
| **Physical Size - UPS Module** | | | |
| Dimensions (WxHxD) (mm.) | 438 x 88 x 430 | | 438 x 88 x 610 |
| Weight (kg.) | 13.5 | 17.15 | 26.7 |
| Installed Rack Height (U) | 2 | | |
| **Environmental** | | | |
| Operating Temperature (°C) | 0 - 40 | | |
| Operating Relative Humidity (Non-condensing) (%) | 20 - 90 | | |
| Online Thermal Dissipation (BTU/hr) | 380 | 682 | 911 |
| Audible Noise at 1.0M from Surface of Unit | 24-45 dBA (0-100% load) | 32-51 dBA (0-100% load) | 31-49 dBA (0-100% load) |
| **Certifications** | | | |
| Certifications* | CE, EAC | | |
| RoHS | Yes | | |

*Certifications may vary according to different regions. Visit www.cyberpower.com for more information.
#All specifications are subject to change without notice.