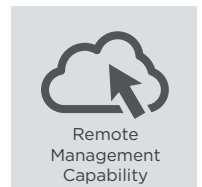OLS1000A/OLS2000A
OLS3000A

## RELIABLE ONLINE UPS
## TO PROTECT MISSION-CRITICAL DEVICES

| | | | | | |
|---|---|---|---|---|---|
| Online (Double Conversion) UPS Topology | ECO Mode | Zero Transfer Time | Variable Speed Fans | Color LCD Display | Remote Management Capability |
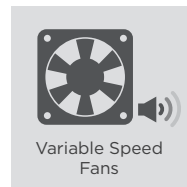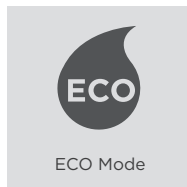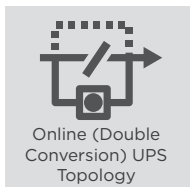
## The online double-conversion UPS with variable speed fans to provide power protection with less noise for business applications

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 are generator compatible and also provide Emergency Power Off (EPO) switch that allows users to shut off UPS immediately during emergency. 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)
- Surge and Spike Protection

- EMI and RFI Filtration
- Color LCD Panel
- Variable Speed Fans
- Serial Connectivity Port
- Emergency Power Off (EPO) Port
- PowerPanel Management Software
- 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. Input Circuit Breaker
6. AC Inlet
7. Serial Port
8. USB Port
9. SNMP/HTTP Network Slot
10. Extended Battery Module Connector
11. EPO Port
12. Output Terminal Block

OLS1000A
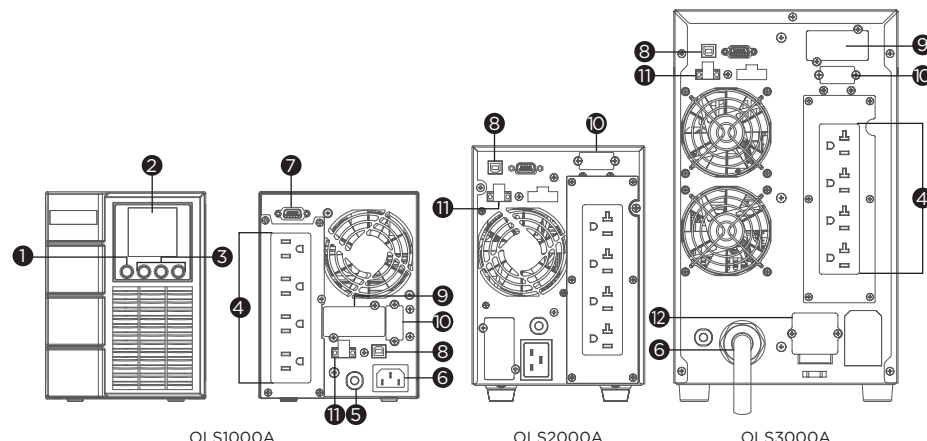
OLS2000A

OLS3000A

# OLS1000A/OLS2000A
# OLS3000A

## TECHNICAL SPECIFICATIONS

| Model Name | OLS1000A | OLS2000A | OLS3000A |
|---|---|---|---|
| **General** | | | |
| UPS Topology | Online Double Conversion | | |
| Energy Saving Technology | Online ECO Mode Efficiency > 96% | | |
| Active PFC Compatibility | Yes | | |
| **Input** | | | |
| Generator Compatibility | Yes | | |
| Nominal Input Voltage (Vac) | 120 ± 10% | | |
| Input Voltage Range (Vac) | 90 - 150 | | |
| Input Frequency (Hz) | 50 ± 10, 60 ± 10 | | |
| Input Frequency Detection | Auto-sensing | | |
| Rated Input Current (A) | 8.33 | 16.67 | 25 |
| Input Power Factor | 0.99 | | |
| Input Connector Type | IEC C14 | IEC C20 | NEMA L5-30P |
| **Output** | | | |
| Capacity (VA) | 1000 | 2000 | 3000 |
| Capacity (Watts) | 900 | 1800 | 2700 |
| On Battery Waveform | Pure Sine Wave | | |
| On Battery Voltage(s) (Vac) | 100 ± 1%, 110 ± 1%, 115 ± 1%, 120 ± 1%, 127 ± 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) | 105-110% Load for 10min, 110-130% Load for 1min, >130% Load for 3sec | | |
| Overload Protection (Battery Mode) | 105-110% Load for 6 min, 110-130% Load for 1min, >130% Load for 3sec | | |
| Overload Protection (Bypass Mode) | 110-120% Load for 30min, 120-130% Load for 10min, >130% Load for 1min | | |
| Harmonic Distortion (Linear Load) | THD＜3% | | |
| Harmonic Distortion (Non-linear Load) | THD＜6% | | |
| Outlet(s) - Total | 4 | | 5 |
| Outlet Type | NEMA 5-15R x 4 | NEMA L5-20R x 4 | NEMA L5-20R x 4, Hardwire Terminal Block x 1 |
| Outlet(s) - Battery & Surge Protected | 4 | | |
| Typical Transfer Time (ms) | 0 | | |
| **Battery** | | | |
| Runtime at Half Load (min) | 11 | 12 | 11 |
| Runtime at Full Load (min) | 3 | 4 | |
| Typical Recharge Time (Hours) | 4 | | |
| Smart Battery Management (SBM) | Yes | | |
| Battery Type | Sealed Lead-acid | | |
| Compatible Extended Battery Module (EBM) | BPSE24V40A | BPSE48V40A | BPSE72V40A |
| Max. EBM Quantity (pcs) | 3 | | |
| **Surge Protection & Filtering** | | | |
| Surge Suppression (Joules) | 617 | | |
| EMI/RFI Filtration | Yes | | |
| **Management & Communications** | | | |
| LCD Panel | Yes | | |
| LCD Types | Color LCD | | |
| LCD Orientation | Rotatable LCD – Manual | | |
| HID Compliant USB Port(s) | 1 | | |
| Serial Port | RS232 | | |
| Emergency Power Off (EPO) Port | Yes | | |
| Power Management Software | PowerPanel Business (Recommended) | | |
| SNMP/HTTP Remote Monitoring | Yes - with optional RMCARD205 | | |
| PowerPanel Cloud Service | Yes - 90 Days Free Trial | | |
| **Physical** | | | |
| Form Factor | Tower | | |
| **Physical Size - UPS Module** | | | |
| Dimensions (WxHxD) (mm.) | 140 x 191 x 327 | 151 x 225 x 394 | 196 x 342 x 416 |
| Weight (kg.) | 14.5 | 17.5 | 21.3 |
| **Environmental** | | | |
| Operating Temperature (°C) | 0 - 40 | | |
| Operating Relative Humidity (Non-condensing) (%) | 20 - 90 | | |
| **Certifications** | | | |
| Certifications* | NOM-001 | | |
| RoHS | Yes | | |

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