OLS2000EA/OLS3000EA

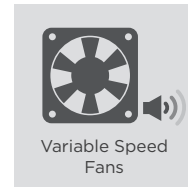## RELIABLE ONLINE UPS
## TO PROTECT MISSION-CRITICAL DEVICES

| | | | | | |
|---|---|---|---|---|---|
| Online (Double Conversion) UPS Topology | ECO Mode | Zero Transfer Time | Color LCD Display | Variable Speed Fans | Remote Management Capability |
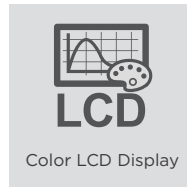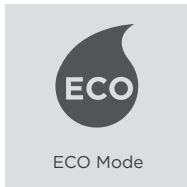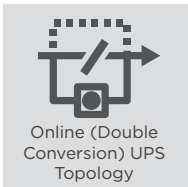
## The online double-conversion UPS with variable speed fans to provide power protection with less noise for business applications
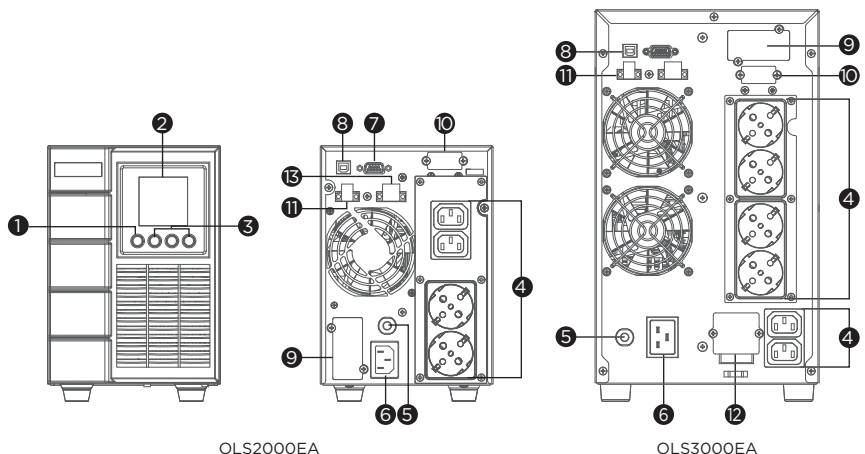
Designed for office and data center applications, the Online S Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs feature color LCD panel for users to monitor power system and configure settings easily. The products are generator compatible and also provide Emergency 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 Status Display
- 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. 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
13. Relay-type Dry Contact

OLS2000EA

OLS3000EA

## TECHNICAL SPECIFICATIONS

| Model Name | OLS2000EA | OLS3000EA |
|---|---|---|
| **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) | 190 - 300 | |
| Input Frequency (Hz) | 50 ± 10, 60 ± 10 | |
| Input Frequency Detection | Auto-sensing | |
| Rated Input Current (A) | 9 | 13.04 |
| Input Power Factor | 0.98 | |
| Input Connector Type | IEC C14 | IEC C20 |
| **Output** | | |
| Capacity (VA) | 2000 | 3000 |
| Capacity (Watts) | 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 | 4 [DE version] or 4 [IEC version] | 7 [DE version] or 8 [IEC version] |
| Outlet Type | Schuko x 2, IEC C13 x 2 [DE version] or IEC C13 x 4 [IEC version] | Schuko x 4, IEC C13 x 2, Hardwire Terminal Block x 1 [DE version] or IEC C13 x 6, IEC C19 x 1, Hardwire Terminal Block x 1 [IEC version] |
| **Battery** | | |
| Runtime at Half Load (min) | 11.9 | 13.8 |
| Runtime at Full Load (min) | 4 | 4.3 |
| Typical Recharge Time (Hours) | 4 | |
| Smart Battery Management (SBM) | Yes | |
| User Replaceable | No | |
| Battery Type | Sealed Lead-acid | |
| **Surge Protection & Filtering** | | |
| Surge Suppression (Joules) | 345 | 370 |
| EMI/RFI Filtration | Yes | |
| **Management & Communications** | | |
| LCD Panel | Yes | |
| LCD Types | Color LCD | |
| HID Compliant USB Port(s) | 1 | |
| Serial Port | RS232 | |
| Dry Contact (with Relay) | Yes | |
| Emergency Power Off (EPO) Port | Yes | |
| Power Management Software | PowerPanel® Business (Recommended) | |
| SNMP/HTTP Remote Monitoring | Yes - with optional RMCARD205 | |
| **Physical** | | |
| Form Factor | Tower | |
| **Physical Size - UPS Module** | | |
| Dimensions (WxHxD) (mm.) | 151 x 225 x 394 | 196 x 337 x 416 |
| Weight (kg.) | 17.4 | 21.3 |
| **Environmental** | | |
| Operating Temperature (°C) | 0 - 40 | |
| Operating Relative Humidity (Non-condensing) (%) | 20 - 90 | |
| Online Thermal Dissipation (BTU/hr) | 682 | 1023 |
| Audible Noise at 1.0M from Surface of Unit | 26-54 dBA (0-100% load) | 30-51 dBA (0-100% load) |
| **Certifications** | | |
| Certifications* | CE | |
| RoHS | Yes | |

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