CyberPower

ONLINE S SERIES

OLS1000EA/OLS1500EA

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

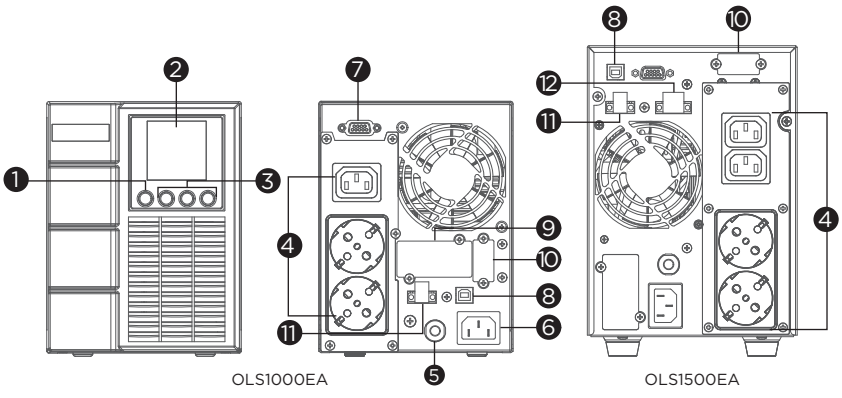
Designed for office and data center applications, the Online S Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs feature color LCD panel for users to monitor power system and configure settings easily. The products are generator compatible and also provide Emergency 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
- 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. Relay-type Dry Contact



TECHNICAL SPECIFICATIONS

Model Name	OLS1000EA	OLS1500EA
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)	160 - 300	190 - 300
Input Frequency (Hz)	50 ± 10, 60 ± 10	
Input Frequency Detection	Auto-sensing	
Rated Input Current (A)	4.5	9
Input Power Factor	0.98	
Input Connector Type	IEC C14	IEC C20
Output		
Capacity (VA)	1000	1500
Capacity (Watts)	900	1350
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	3 [DE version] or 4 [IEC version]	4 [DE version]
Outlet Type	Schuko x 2, IEC C13 x 1 [DE version] or IEC C13 x 4 [IEC version]	Schuko x 2, IEC C13 x 2 [DE version]
Outlet(s) - Battery & Surge Protected	2 [Schuko], 1 [IEC] or 4 [IEC]	2 [Schuko], 2 [IEC]
Typical Transfer Time (ms)	0	
Battery		
Runtime at Half Load (min)	11	15.3
Runtime at Full Load (min)	4	5.3
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	
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 Size		
Form Factor	Tower	
Physical Size - UPS Module		
Dimensions (WxHxD) (mm.)	140 x 191 x 327	151 x 225 x 394
Weight (kg.)	9.4	14.4
Environmental		
Operating Temperature (°C)	0 - 40	
Operating Relative Humidity (Non-condensing) (%)	20 - 90	
Online Thermal Dissipation (BTU/hr)	458	682
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.