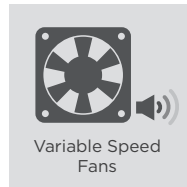OLS1000EA/OLS2000EA
OLS3000EA

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
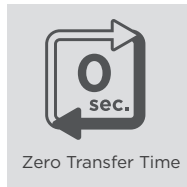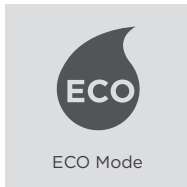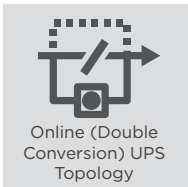
The online double-conversion UPS with variable speed fans to provide noiseless power protection for business applications

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
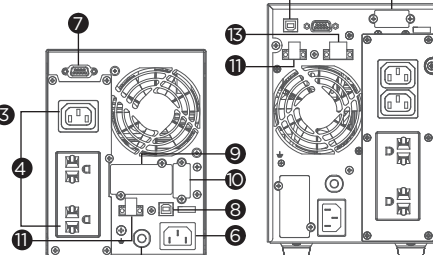- SNMP/HTTP Remote Management Capability (Optional)

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
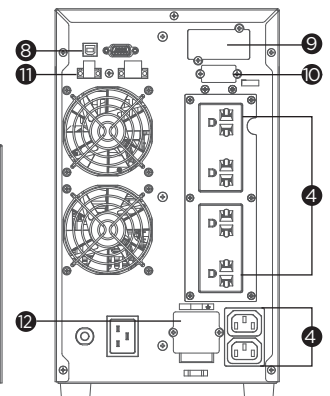7. Serial Port
8. USB Port
9. SNMP/HTTP Network Slot

10. Extended Battery Module Connector
11. EPO Port
12. Output Terminal Block
13. Relay-type Dry Contact
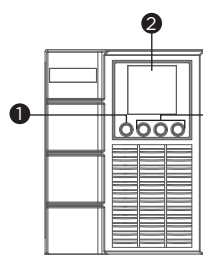
OLS1000EA

OLS2000EA

OLS3000EA

TECHNICAL SPECIFICATIONS

Model Name	OLS1000EA	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)	160 - 300	200 - 300	190 - 300
Input Frequency (Hz)	50 ± 10, 60 ± 10		
Input Frequency Detection	Auto-sensing		
Rated Input Current (A)	4.5	9	13.04
Input Power Factor	0.98		
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	3	4	7
Outlet Type	IEC C13 x 2, AS x 1	IEC C13 x 2, AS x 2	IEC C13 x 2, AS x 4, Hardwire Terminal Block x 1
Outlet(s) - Battery & Surge Protected	3	4	7
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	No		
Battery Type	Sealed Lead-acid		
Compatible Extended Battery Module (EBM)	BPSE24V40A	BPSE48V40A	BPSE72V40A
Max. EBM Quantity (pcs)	3		
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.)	140 x 191 x 327	151 x 225 x 394	196 x 337 x 416
Weight (kg.)	14.5	17.4	21.3
Environmental			
Operating Temperature (°C)	0 - 40		
Operating Relative Humidity (Non-condensing) (%)	20 - 90		
Online Thermal Dissipation (BTU/hr)	458	682	1023
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.