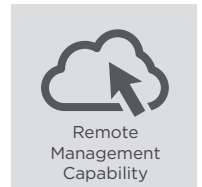
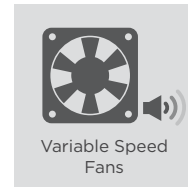
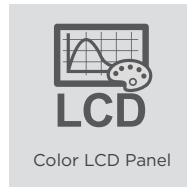
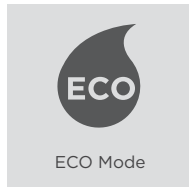
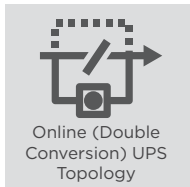


OLS1000EA/OLS1500EA
OLS2000EA/OLS3000EA



RELIABLE ONLINE UPS TO PROTECT MISSION-CRITICAL DEVICES



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

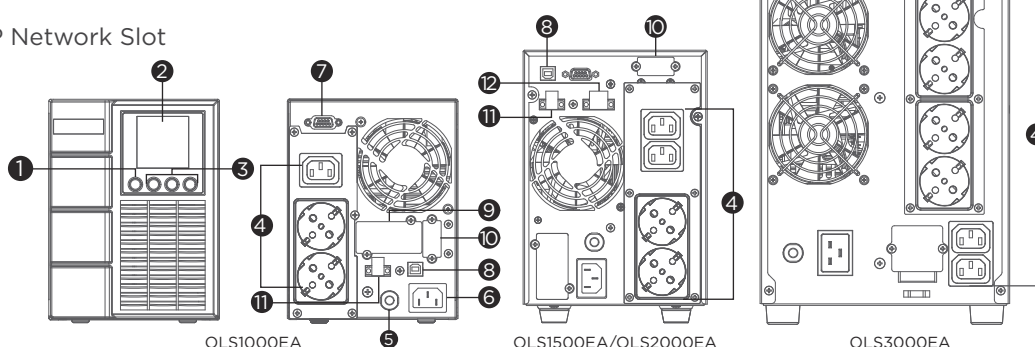
Designed for office and data center applications, the Online S (Advanced) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs feature color LCD panel for users to monitor power system and configure settings easily. The products are generator compatible and also 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)
- Tower Form Factor

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		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	190 - 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	IEC C14	IEC C20		
Output						
Capacity (VA)	1000	1500	2000	3000		
Capacity (Watts)	900	1350	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 [DE version] or 4 [IEC version]	4 [DE version]	4 [DE version] or 4 [IEC version]	7 [DE version] or 8 [IEC 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]	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]		
Outlet(s) - Battery & Surge Protected	2 [Schuko], 1 [IEC] or 4 [IEC]	2 [Schuko], 2 [IEC]	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]		
Typical Transfer Time (ms)	0					
Battery						
Runtime at Half Load (min)	13.9	9	13.1			
Runtime at Full Load (min)	4.6	3	3.8		4.2	
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.)	9.4	14.4	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.