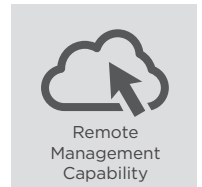
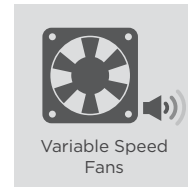
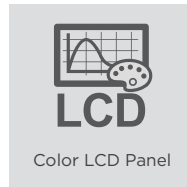
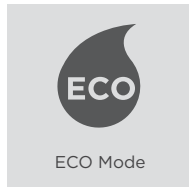
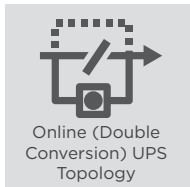


OLS1000EA/OLS1500EA
OLS2000EA/OLS3000EA



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

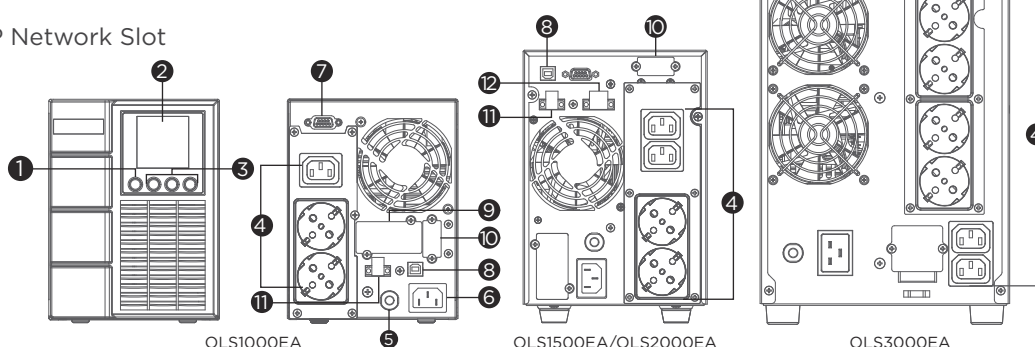
Designed for office and data center applications, the Online S (Advanced) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs feature color LCD panel for users to monitor power system and configure settings easily. The products are generator compatible and also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