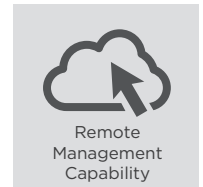
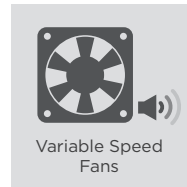
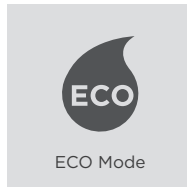
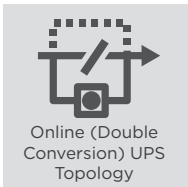


OLS1000EA/OLS2000EA  
OLS3000EA



### 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

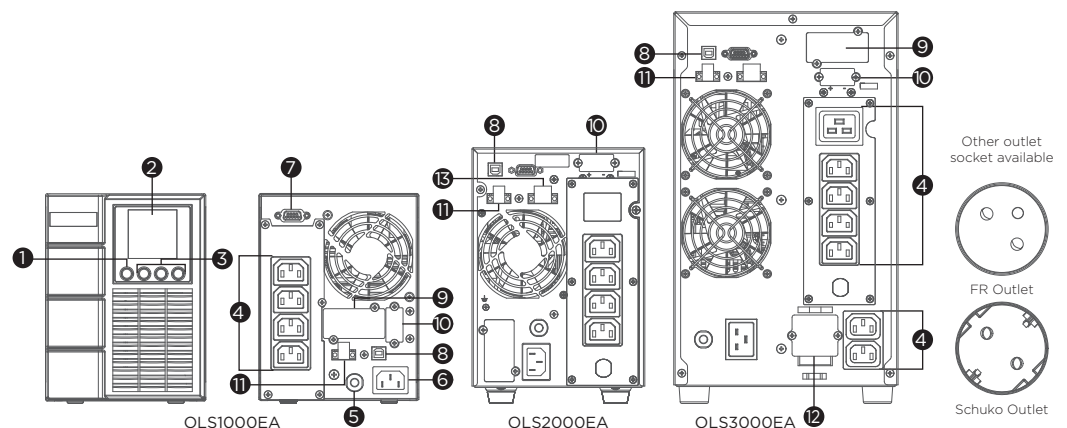
Designed for office and data center applications, the Online S Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs feature color LCD panel for users to monitor power system and configure settings easily. The products are generator compatible and also provide Emergency 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
- Zero Transfer Time
- Smart Battery Management (SBM)
- Extended Battery Module (EBM)
- Surge and Spike Protection
- EMI and RFI Filtration
- Phone/Fax/Modem/DSL/Network Protection
- 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. Output Terminal Block
13. Relay-type Dry Contact





## TECHNICAL SPECIFICATIONS

Model Name	OLS1000EA	OLS2000EA	OLS3000EA
<b>General</b>			
UPS Topology	Online Double Conversion		
Energy Saving Technology	Online ECO Mode Efficiency > 95%		
Active PFC Compatibility	Yes		
<b>Input</b>			
Generator Compatibility	Yes		
Nominal Input Voltage (Vac)	230 ± 10%		
Input Voltage Range (Vac)	160 - 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	
<b>Output</b>			
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	4 [IEC] or 3 [Schuko/FR]	4 [IEC/Schuko/FR]	8 [IEC] or 7 [Schuko/FR]
Outlet Type	IEC C13 x 4 or Schuko x 2, IEC C13 x 1 or French x 2, IEC C13 x 1	IEC C13 x 4 or Schuko x 2, IEC C13 x 2 or French x 2, IEC C13 x 2	IEC C13 x 6, IEC C19 x 1, Terminal Block x 1 or Schuko x 4, IEC C13 x 2, Terminal Block x 1 or French x 4, IEC C13 x 2, Terminal Block x 1
Outlet(s) - Battery & Surge Protected	4 [IEC] or 2 [Schuko], 1 [IEC] or 2 [FR], 1 [IEC]	4 [IEC] or 2 [Schuko], 2 [IEC] or 2 [FR], 2 [IEC]	7 [IEC] or 4 [Schuko], 2 [IEC] or 4 [FR], 2 [IEC]
Typical Transfer Time (ms)	0		
<b>Battery</b>			
Runtime at Half Load (min)	11	12	11
Runtime at Full Load (min)	4		
Typical Recharge Time (Hours)	4		
Smart Battery Management (SBM)	Yes		
User Replaceable	No		
Battery Type	Sealed Lead-acid		
Extended Battery Module (EBM)	BPSE24V40A	BPSE48V40A	BPSE72V40A
Max. EBM Quantity (pcs)	3		
<b>Surge Protection &amp; Filtering</b>			
Surge Suppression (Joules)	345		370
EMI/RFI Filtration	Yes		
<b>Management &amp; Communications</b>			
LCD Panel	Yes		
HID Compliant USB Port(s)	1		
Serial Port	RS232		
Dry Contact (with Relay)	-	Yes	
Emergency Power Of (EPO) Port	Yes		
Power Management Software	PowerPanel® Business (Recommended)		
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD205		
<b>Physical</b>			
Form Factor	Tower		
<b>Physical Size - UPS Module</b>			
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
<b>Environmental</b>			
Operating Temperature (°C)	0 - 40		
Operating Relative Humidity (Non-condensing) (%)	20 - 90		
Online Thermal Dissipation (BTU/hr)	458	682	1023
Audible Noise at 1.0M from Surface of Unit	24-51 dBA (0-100% load)	26-54 dBA (0-100% load)	30-51 dBA (0-100% load)
<b>Certifications</b>			
Certifications*	CE		
RoHS	Yes		

\*Certifications may vary according to different regions. Visit [www.cyberpower.com](http://www.cyberpower.com) for more information.  
#All specifications are subject to change without notice.

