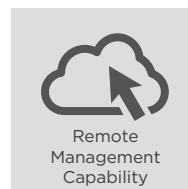
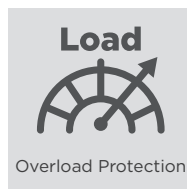
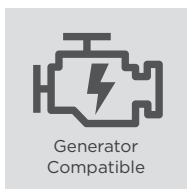
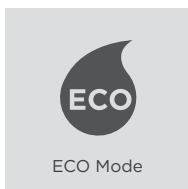
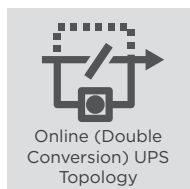


OLS1000EC/OLS2000EC
OLS3000EC



CORPORATE ONLINE UPS TO SAFEGUARD IT EQUIPMENT WITH EASE AND COMFORT



The online double-conversion UPS with practical functions to offer reliable power protection

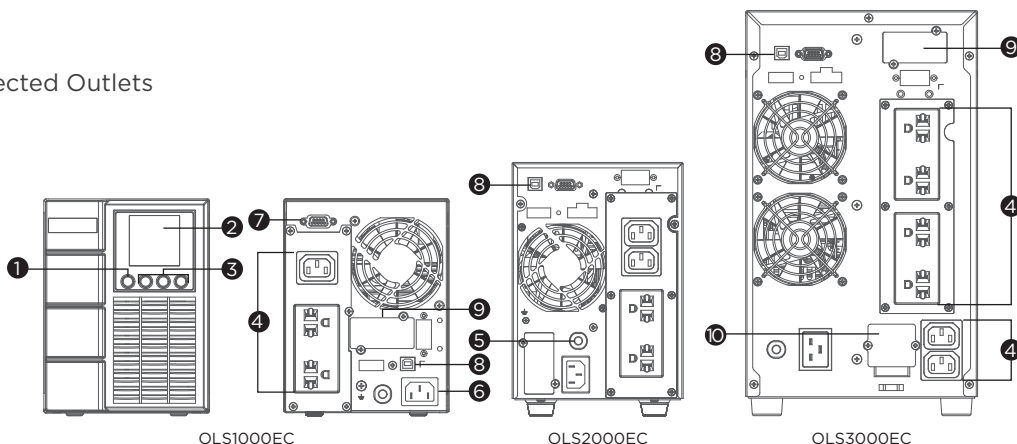
Designed for office and server room applications, the Online S (ECO) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The color LCD panel allows easy monitoring, and the variable speed fans help to reduce noise as well as offer greater comfort for users. The products feature ECO Mode to save on energy costs, and Smart Battery Management to extend battery lifespan. Moreover, the products can be used with PowerPanel Management Software, allowing users to monitor and control the UPS systems conveniently.

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
- PowerPanel Management Software
- Variable Speed Fans
- 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. Output Terminal Block





TECHNICAL SPECIFICATIONS

Model Name	OLS1000EC		OLS2000EC	OLS3000EC
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)	220 ± 25%			
Input Voltage Range (Vac)	110-300			
Adjustable Voltage Range	0-50% Load for 110-300Vac 0-60% Load for 120-300Vac 0-80% Load for 140-300Vac 0-100% Load for 160-300Vac		0-50% Load for 110-300Vac 0-60% Load for 140-300Vac 0-80% Load for 160-300Vac 0-100% Load for 190-300Vac	
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)	800	1600		2400
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	0.8			
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 1, AS x 2	IEC C13 x 2, AS x 2		AS x 4, Hardwire Terminal Block x 1, IEC C13 x 2
Outlet(s) - Battery & Surge Protected	3	4		6
Typical Transfer Time (ms)	0			
Battery				
Runtime at Half Load (min)	6.9	10		
Runtime at Full Load (min)	2.7	4		
Runtime at 1,200 Watt (min)	-	5.5	10	
Runtime at 2,100 Watt (min)	-	-	5	
Typical Recharge Time (Hours)	4			
Smart Battery Management (SBM)	Yes			
User-replaceable	No			
Battery Type	Sealed Lead-acid (12V/7AH for OLS1000EC; 12V/9AH for OLS2000EC & OLS3000EC)			
Surge Protection & Filtering				
Surge Suppression (Joules)	220	345		370
EMI/RFI Filtration	Yes			
Management & Communications				
LCD Panel	Yes			
LCD Types	Color LCD			
HID Compliant USB Port(s)	1			
Serial Port	RS232			
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.)	13.2	14.8		26.0
Environmental				
Operating Temperature (°C)	0 - 40			
Operating Relative Humidity (Non-condensing) (%)	20 - 90			
Online Thermal Dissipation (BTU/hr)	270	540		712
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.

