OLS1000EC/OLS2000EC
OLS3000EC

CORPORATE ONLINE UPS TO SAFEGUARD IT EQUIPMENT WITH EASE AND COMFORT

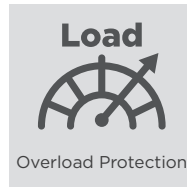|					
Online (Double Conversion) UPS Topology	ECO Mode	Generator Compatible	Overload Protection	Zero Transfer Time	Remote Management Capability
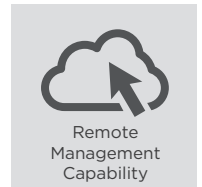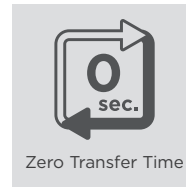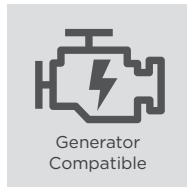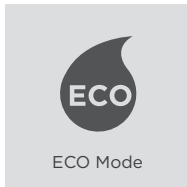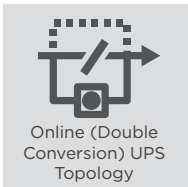
The online double-conversion UPS with practical functions to offer reliable power protection

Designed for office and server room applications, the Online C 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
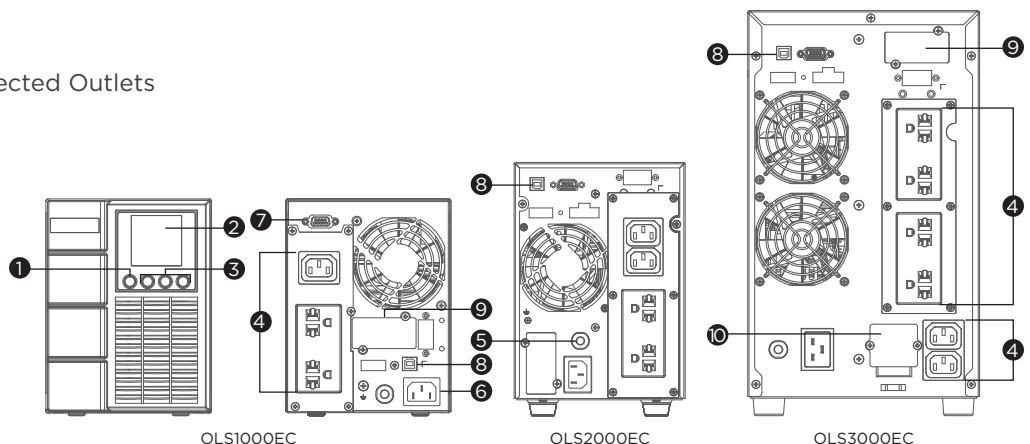
OLS1000EC

OLS2000EC

OLS3000EC

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		
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.