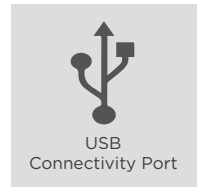
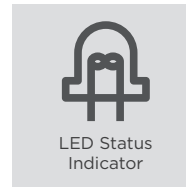
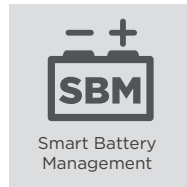
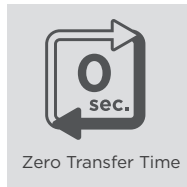


OLS1000EC/OLS2000EC
OLS3000EC

CORPORATE ONLINE UPS TO PROTECT IT EQUIPMENT



The online double-conversion UPS that provides seamless Pure Sine Wave output

Designed for office and server room applications, the Online SC Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The products feature Smart Battery Management to extend battery lifespan, and ECO Mode to save on energy costs. The power management software allows users to easily control and monitor the UPS system.

APPLICATION

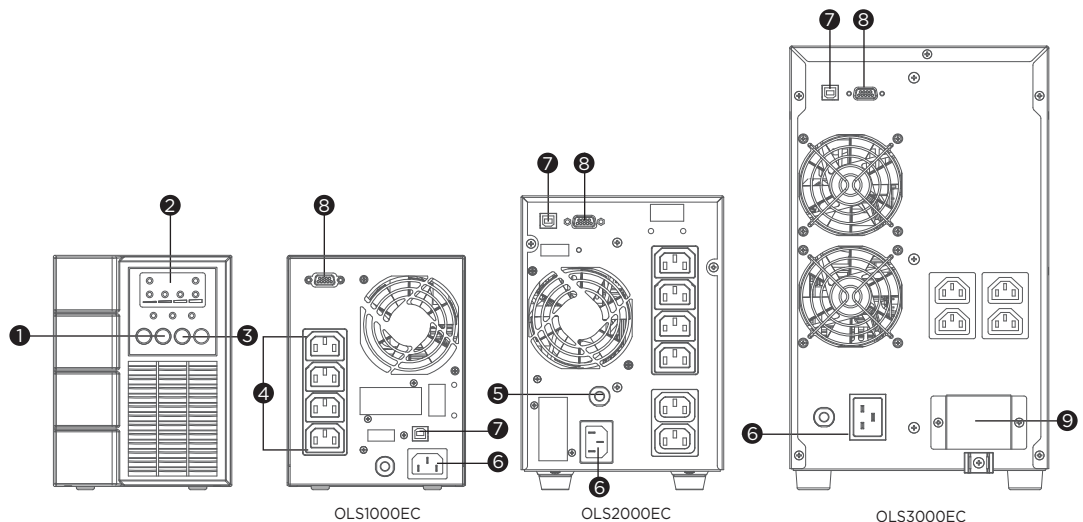
- SOHO Office
- Back Office
- Data Center
- Factory
- Train Station
- Office
- Server Room
- Supermarket
- Airport

SERIES FEATURES

- Online (Double Conversion) UPS Topology
- Generator Compatible
- Smart Battery Management (SBM)
- Surge and Spike Protection
- USB and Serial Connectivity Port
- Energy Saving Technology
- Zero Transfer Time
- LED Status Indicator
- EMI and RFI Filtration
- PowerPanel® Management Software

PRODUCT CALLOUTS

1. Power On/Off Switch
2. LED Status Indicators
3. Function Button(s)
4. Battery Backup & Surge Protected Outlets
5. Input Circuit Breaker
6. AC Inlet
7. USB Port
8. Serial Port
9. Output Terminal Block





TECHNICAL SPECIFICATIONS

Model Name	OLS1000EC	OLS2000EC	OLS3000EC
General			
UPS Topology	Online Double Conversion	Online Double Conversion	Online Double Conversion
Energy Saving Technology	Online ECO Mode Efficiency > 95%	Online ECO Mode Efficiency > 95%	Online ECO Mode Efficiency > 95%
Active PFC Compatibility	Yes	Yes	Yes
Input			
Generator Compatibility	Yes	Yes	Yes
Nominal Input Voltage (Vac)	230 ± 10%	230 ± 10%	230 ± 10%
Input Voltage Range (Vac)	160 - 300	160 - 300	190 - 300
Input Frequency (Hz)	50 ± 10, 60 ± 10	50 ± 10, 60 ± 10	50 ± 10, 60 ± 10
Input Frequency Detection	Auto-sensing	Auto-sensing	Auto-sensing
Rated Input Current (A)	4.5	9	13.6
Input Power Factor	0.98	0.98	0.98
Input Connector Type	IEC C14	IEC C14	IEC C20
Output			
Capacity (VA)	1000	2000	3000
Capacity (Watts)	800	1600	2400
On Battery Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
On Battery Voltage(s) (Vac)	208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1%	208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1%	208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1%
Output Voltage Setting	Configurable	Configurable	Configurable
On Battery Frequency (Hz)	50 ± 0.5%, 60 ± 0.5%	50 ± 0.5%, 60 ± 0.5%	50 ± 0.5%, 60 ± 0.5%
Output Frequency Setting	Configurable	Configurable	Configurable
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%	THD < 3%	THD < 3%
Harmonic Distortion (Non-linear Load)	THD < 5%	THD < 5%	THD < 5%
Outlet(s) - Total	4	6	5
Outlet Type	IEC C13 x 4	IEC C13 x 6	Hardwire Terminal Block x 1, IEC C13 x 4
Outlet(s) - Battery & Surge Protected	4	6	4
Typical Transfer Time (ms)	0	0	0
Battery			
Runtime at Half Load (min)	8	8	15
Runtime at Full Load (min)	2	2	5
Typical Recharge Time (Hours)	4	4	4
Smart Battery Management (SBM)	Yes	Yes	Yes
User-replaceable	No	No	No
Battery Type	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid
Surge Protection & Filtering			
Surge Suppression (Joules)	220	220	220
EMI/RFI Filtration	Yes	Yes	Yes
Management & Communications			
LED Indicators	Power On, Line Mode, Battery Mode, Bypass Mode, Battery Capacity, Low Battery, Overload, UPS Fault, Replace Battery		
HID Compliant USB Port(s)	1	1	1
Serial Port	RS232	RS232	RS232
Power Management Software	PowerPanel® Business Edition	PowerPanel® Business Edition	PowerPanel® Business Edition
Physical			
Form Factor	Tower	Tower	Tower
Physical Size - UPS Module			
Dimensions (WxHxD) (mm.)	140 x 190.6 x 327	151 x 225 x 394	196 x 343 x 416
Weight (kg.)	8.5	14.1	28.2
Environmental			
Operating Temperature (°C)	0 - 40	0 - 40	0 - 40
Operating Relative Humidity (Non-condensing) (%)	20 - 90	20 - 90	20 - 90
Online Thermal Dissipation (BTU/hr)	342	666	1126
Certifications			
Certifications*	CE, EAC	CE, EAC	CE, EAC
RoHS	Yes	Yes	Yes

*Certifications may vary according to different regions. Visit www.cyberpower.com for more information.
#All specifications are subject to change without notice.