CyberPower

ONLINE S SERIES

OLS1000/OLS2000/OLS3000



TRUSTWORTHY ONLINE UPS TO PROTECT IT EQUIPMENT

- Online (Double Conversion) UPS Topology
- Energy Saving Technology
- Zero Transfer Time
- Smart Battery Management
- Extended Battery Module (EBM)
- Remote Management Capability

The high-quality online double-conversion UPS that offers the ideal power protection

Designed for office and data center applications, the Online S Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs are compatible with generators to prolong power continuity. The products also adopt ECO Mode to help save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and multifunction LCD readout to display precise information. The power management software allows users to easily control and monitor the UPS system.

APPLICATION

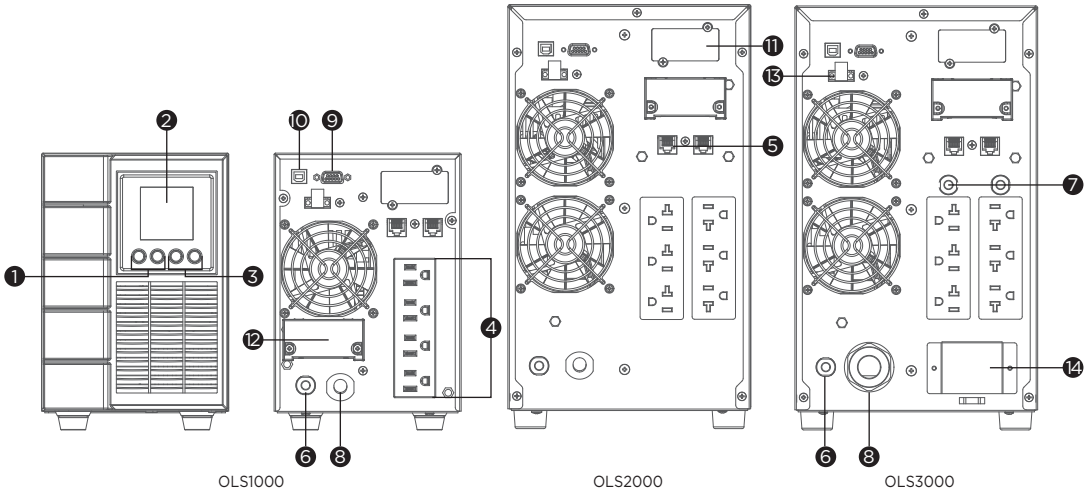
- SOHO Office
- Office
- Back Office
- Server Room
- Data Center
- Supermarket
- Factory
- Airport
- Train Station

SERIES FEATURES

- Online (Double Conversion) UPS Topology
- Energy Saving Technology
- Generator Compatible
- Zero Transfer Time
- Smart Battery Management (SBM)
- Extended Battery Module (EBM)
- Phone/Fax/Modem/DSL/Network Protection
- LCD Status Display
- Emergency Power Off (EPO) Port
- PowerPanel® Management Software
- SNMP/HTTP Remote Management Capability (Optional)

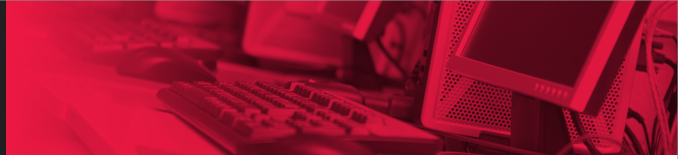
PRODUCT CALLOUTS

1. Power On/Off Switch
2. LCD Display Panel
3. Function Button(s)
4. Battery Backup & Surge Protected Outlets
5. Communication Protection Ports RJ11/RJ45
6. Input Circuit Breaker
7. Output Circuit Breaker
8. AC Input Power Cord
9. Serial Port
10. USB Port
11. SNMP/HTTP Network Slot
12. Extended Battery Module Connector
13. EPO Port
14. Output Terminal Block



OLS1000 OLS2000 OLS3000

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TECHNICAL SPECIFICATIONS

Model Name	OLS1000	OLS2000	OLS3000
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)	120 ± 10%	120 ± 10%	120 ± 10%
Input Voltage Range (Vac)	80 - 150	80 - 150	80 - 150
Input Frequency (Hz)	50 ± 3, 60 ± 3	50 ± 3, 60 ± 3	50 ± 3, 60 ± 3
Input Frequency Detection	Auto-sensing	Auto-sensing	Auto-sensing
Rated Input Current (A)	8.33	16.67	25
Input Power Factor	0.98	0.98	0.98
Input Connector Type	NEMA 5-15P	NEMA 5-20P	NEMA L5-30P
Output			
Capacity (VA)	1000	2000	3000
Capacity (Watts)	900	1800	2700
On Battery Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
On Battery Voltage(s) (Vac)	100 ± 1%, 110 ± 1%, 115 ± 1%, 120 ± 1%, 127 ± 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
Power Factor	0.9	0.9	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	>130% Load Immediately	>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	7
Outlet Type	NEMA 5-15R x 4	NEMA 5-20R x 6	NEMA 5-20R x 6, Hardwire Terminal Block x 1
Outlet(s) - Battery & Surge Protected	4	6	6
Typical Transfer Time (ms)	0	0	0
Battery			
Runtime at Half Load (min)	15	15	14
Runtime at Full Load (min)	5	5	4
Typical Recharge Time (Hours)	5	5	5
Smart Battery Management (SBM)	Yes	Yes	Yes
User-replaceable	No	No	No
Battery Type	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid
Extended Battery Module (EBM)	BPSE36V45A	BPSE72V45A	BPSE72V45A
Max. EBM Quantity (pcs)	3	3	3
Surge Protection & Filtering			
Surge Suppression (Joules)	440	380	760
EMI/RFI Filtration	Yes	Yes	Yes
Phone/Network Protection RJ11/RJ45 (Combo)	1-in, 1-out	1-in, 1-out	1-in, 1-out
Management & Communications			
LCD Panel	Yes	Yes	Yes
HID Compliant USB Port(s)	1	1	1
Serial Port	RS232	RS232	RS232
Emergency Power Off (EPO) Port	Yes	Yes	Yes
Power Management Software	PowerPanel® Business	PowerPanel® Business	PowerPanel® Business
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD205	Yes - with optional RMCARD205	Yes - with optional RMCARD205
Physical			
Form Factor	Tower	Tower	Tower
Physical Size - UPS Module			
Dimensions (WxHxD) (mm.)	151 x 225 x 394	196 x 337 x 416	196 x 337 x 416
Weight (kg.)	13.1	23.8	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*	NOM	NOM	NOM
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.

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