CyberPower®

OLS2000/3000E

Online S Series

The Best Quality Online Double Conversion UPS That Offers The Highest Level of Power Protection

Online Topology

Energy Saving

Smart Battery Management SBM

LCD LCD Display

Generator Compatible

Remote Management

The Online S UPS Series is ideal for servers, networking equipment, workstations and other mission-critical applications which require Pure Sine Wave power input.

Featuring Online Double Conversion design and Zero Transfer Time, the UPS provides consistent and seamless power to critical loads. Numerous engineering excellences showcase in this enterprise-level application including Economy Mode, Smart Battery Management and External Battery Module, which further enhance its overall performance and capability.

The optional SNMP/HTTP Remote Management Capability enables remote management and control of the system through standard web browser. Together with the PowerPanel® Business Edition management software, the UPS can provide administrators comprehensive network power management including unattended-shutdown, event logging, reporting, and notifications.

APPLICATIONS

- Medium Business
- Corporate Data Center
- Networking, Servers & Workstations
- Industrial Equipment

SERIES FEATURES

- Pure Sine Wave Output
- Online (Double Conversion) UPS Topology
- GreenPower UPS™ Technology
- EMI, RFI, Surge and Spike Protection
- Phone/Fax/Modem/DSL/Network Protection
- Emergency Power Off (EPO) Port
- Multifunction LCD Readout
- USB & Serial Connectivity Ports
- Generator Compatible
- Smart Battery Management
- Extended Runtime Model- Up to 3 battery packs
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel® Business Edition Software

Online Double Conversion Topology

Online (Double Conversion) topology provides the perfect and reliable output quality regardless of the condition of the incoming power by converting AC power to DC power and then back to AC power. With zero transfer time during unexpected power outages, Online topology guarantees the power continuity of the mission-critical equipment to ensure 100% uptime and system protection.

CISCO Compatible

CISCO Compatible

CyberPower® works with Cisco on the latest version of EnergyWise™ Compatibility.
Go to https://cyberpower.com/ww/support/knowledge/energywise for more information.

PowerPanel® Business Edition Software

System Graceful Shutdown Software

This software can provide orderly shutdown for your computer systems during the event of an extended AC power failure. This software supports Windows, Linux, and Mac operating systems and virtual platforms Vmware, Microsoft Hyper-V, and Citrix XenServer.

*Software functions may vary due to firmware version and/or hardware constraints.
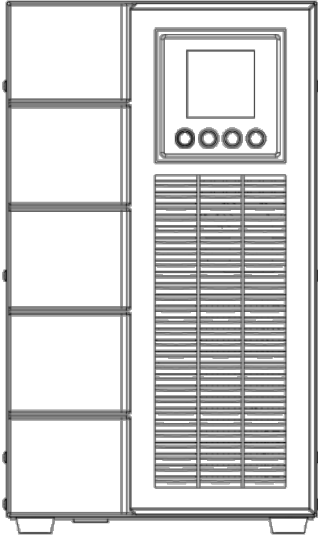
CyberPower®

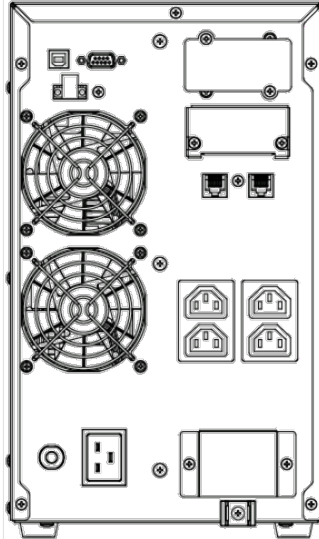## TECHNICAL SPECIFICATIONS

Model Name	OLS2000E	OLS3000E
General		
UPS Topology	Online Double Conversion	Online Double Conversion
Energy Saving	Online ECO Mode Efficiency > 95%	Online ECO Mode Efficiency > 95%
Input		
Generator Compatibility	Yes	Yes
Nominal Input Voltage	230Vac ± 10%	230Vac ± 10%
Input Voltage Range	160 - 300Vac	190 - 300Vac
Input Frequency Range	50/60 ± 10Hz (Auto-sensing)	50/60 ± 10Hz (Auto-sensing)
Rated Input current	9A	13.04A
Input Power Factor	0.98	0.98
Plug Type	IEC C20	IEC C20
Output		
VA/Watts	2000/1800	3000/2700
On Battery Waveform	Pure Sine Wave	Pure Sine Wave
On Battery Voltage	208, 220, 230, 240Vac ± 1% (Configurable)	208, 220, 230, 240Vac ± 1% (Configurable)
On Battery Frequency	50/60Hz ± 0.5%	50/60Hz ± 0.5%
Overload Protection (Line Mode)	110~120% Load for 1 min, >120% Load Immediately	110~120% Load for 1 min, >120% Load Immediately
Overload Protection (Battery Mode)	110~120% Load for 10 sec, >120% Load Immediately	110~120% Load for 10 sec, >120% Load Immediately
Overload Protection (Bypass Mode)	>130% Load Immediately	>130% Load Immediately
Outlets - Total	5	6
Outlet Type	Hardwire Terminal Block x 1, IEC C13 x 4	IEC C19 x 1, Hardwire Terminal Block x 1, IEC C13 x 4
Outlets - Battery & Surge Protected	4	5
Rated Power Factor	0.9	0.9
Harmonic Distortion	THD < 3% at Linear Load, < 5% at Non-linear Load	THD < 3% at Linear Load, < 5% at Non-linear Load
Transfer Time	0ms	0ms
Battery		
Runtime at Half Load (min)	15	14
Runtime at Full Load (min)	5	4
Battery Type	Sealed Lead-Acid	Sealed Lead-Acid
Battery Size	12V / 7AH	12V / 9AH
Battery Quantity	6	6
User-replaceable	No	No
Typical Recharge Time	5 Hours	5 Hours
Smart Battery Management (SBM) Mode	Yes	Yes
External Battery Module (EBM)	BPSE72V45A	BPSE72V45A
Max. EBM Quantity	3	3
Surge Protection & Filtering		
Surge Suppression (Joules)	440	440
Phone/Network Protection RJ11/RJ45	1-in, 1-out	1-in, 1-out
Management & Communications		
LCD Panel	Yes	Yes
HID Compliant USB Port	1	1
Serial Port	RS232	RS232
Emergency Power Off (EPO) Port	Yes	Yes
Software	PowerPanel® Business Edition	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes - with optional RMCARD205	Yes - with optional RMCARD205
Physical		
Form Factor	Tower	Tower
Physical – UPS Module		
Dimensions (WxHxD) (mm.)	196 x 337 x 416	196 x 337 x 416
Weight (kg.)	23.8	28.2
Environmental		
Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C	32 °F to 104 °F / 0 °C to 40 °C
Operating Humidity	20% - 90% non-condensing	20% - 90% non-condensing
Operating Elevation	0-5,000 feet (0-1,500 meters)	0-5,000 feet (0-1,500 meters)
Storage Temperature	-4 °F to 122°F / -20°C to 50 °C	-4 °F to 122°F / -20°C to 50 °C
Storage Relative Humidity	10% - 90% non-condensing	10% - 90% non-condensing
Online Thermal Dissipation	666 BTU/hr	1126 BTU/hr
Certifications		
Certifications	CE, EAC, LOA, RCM	CE, EAC, LOA, RCM
RoHS Compliant	Yes	Yes

#All specifications are subject to change without notice. © 2016 Cyber Power Systems, Inc. All Trademarks are the property of their owners.
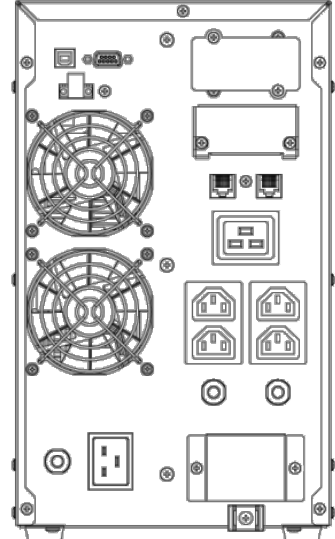
APPEARANCE

OLS2000/3000E-front

OLS2000E-back

OLS3000E-back