CyberPower®
Reliability. Quality. Value.

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

Featuring Online Double Conversion UPS topology, the Online Series provides the highest level of power protection and a guaranteed quality power supply to demanding businesses who value versatility, flexibility, manageability and performance. performance. Numerous engineering excellences showcase in this enterprise-level application including Economy Mode Setting, Smart Battery Management, and Generator Mode Setting, which further enhance its overall performance and capability. With the perfect zero transfer time, the Online Series ensures the continuous and seamless pure sine wave power to all mission-critical devices.

This product comes with Remote Management Capabilities which include the PowerPanel® Business Edition management software and an optional SNMP/HTTP network management card, enabling users to perform comprehensive network management and monitoring including unattended-shutdown, event logging, reporting, and notifications.

Applications

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

| Online Topology | Pure Sine Wave | Smart Battery Management |
| SNMP /HTTP | LCD Display | Tower Form |

Series Features

- Pure Sine Wave Output
- Online (Double Conversion) UPS Topology
- Tower Form Factor
- EMI, RFI, Surge and Spike Protection
- Phone/Fax/Modem/DSL/Network Protection
- Auto-Restart/Auto-Charge
- Emergency Power Off (EPO) Port
- Multifunction LCD Readout
- USB & Serial Connectivity Ports
- Extended Runtime Models- Up to 3 battery packs
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel® Business Edition Software
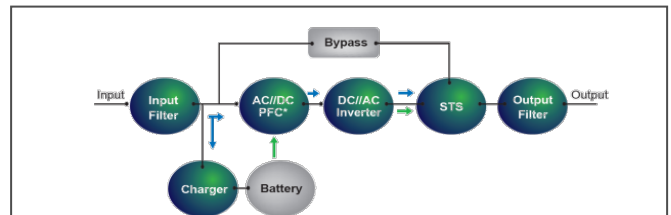
Online Double Conversion Topology

Online (Double Conversion) topology provides an extra layer of insulation from power problems. This is achieved by continuously operating off battery power and having zero transfer time during power outages. Online topology also stabilizes output frequency and voltage, and eliminates any line noise that may be apparent in industrial settings or when operating off generator power.

Pure Sine Wave Output
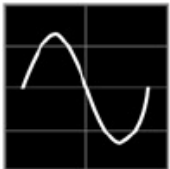
For applications that require Pure *Sine Wave* power, CyberPower provides UPS models with True Sine Wave output, also known as *Pure Sine Wave*. They are designed for electronic devices that have *Power Factor Correction* (PFC) Power Supplies as well as for small AC motors and other devices that need true sine-wave power in order to function properly.

PowerPanel® Business Edition Management S/W

AUTO-SHUTDOWN SOFTWARE
CyberPower PowerPanel® Business Edition Management Software, is compatible with Windows7, Vista, XP, 2000 Pro., ME, 98, Windows Server 2008, 2003, Mac and Linux.

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

Smart App Online Series
OLS2000/3000E

Technical Specification

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Model	OLS2000E	OLS3000E
Configuration		
Capacity (VA / Watts)	2000 / 1600	3000 / 2400
Topology	Online (Double Conversion)	
Energy-Saving Technology	Yes, ECO Mode Efficiency > 95%	
Input		
Input Frequency Range	40 Hz - 70 Hz	
Inlet Type	IEC C20	
Output		
UPS Outlets (Numbers)	(4) IEC C13 + Terminal Block	(4) IEC C13, (1) IEC C19, Terminal Block
Output Voltage	Pure Sine Wave at 208, 220, 230, 240 Vac (Configurable) ± 1%	
Output Frequency	50 Hz / 60 Hz (Auto-Sensing or Configurable) ± 0.5%	
Output Voltage Distortion (@Nominal Battery Voltage)	≦3%(Linear Load), ≦5%(Non-Linear Load)	
Typical Transfer Time	0ms	
Overload Protection — AC Mode	Warning only @ 110%>Load>105%, Transfer to bypass after 60sec @ 120%>Load>110%, Transfer to bypass immediately@ Load>120%	
Overload Protection — Battery Mode	Warning only @ 110%>Load>105%, Shutdown after 10sec @ 120%>Load>110%, Shutdown immediately @ Load>120%	
Overload Protection — Bypass Mode	Warning only @ 130%>Load>105%, Shutdown immediately @ Load>130%	
Short Circuit Protection	UPS Output Cut off Immediately or Circuit Breaker Protection	
Surge Protection and Filtering		
Surge Protection	Yes	
DSL / Phone /FAX / Modem Protection	RJ11 / RJ45 (One In / One Out)	
Physical		
Dimensions (H x W x D) (mm)	337 x 196 x 416	
Weight (kg) - Power Module	23.8	28.2
Battery		
Sealed Maintenance Free Lead Acid Battery	(6) 12V / 7AH	(6) 12V / 8.5AH
Typical Recharge Time (Hours)	5	
Runtimes		
Half-load / Full-load (mins)	16 / 6	14 / 5
Status Indicators		
Indicators	Power On, Line Mode, Battery Mode, Bypass Mode, ECO Mode, C/F Mode, Fault, Replace Battery	
Audible Alarms	Battery Mode, Battery Low, Overload, UPS Fault, Replace Battery	
Communication		
PowerPanel® Business Edition	Windows 7 / Vista / XP / 2000, Server 2008 / 2003, Linux	
Management		
Self Test	Yes	
Auto-Charge / Auto-Restart	Yes	
Auto-Overload Recovery	Yes	
Cold Start (DC Start)	Yes	
Connectivity Ports	(1) Serial Port (RS232), (1) USB Port, (1) EPO/ROO	
SNMP/HTTP Capable	Optional	

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Battery

Model	BPSE72V45A
Voltage	72VDC
Amperage	45A
Physical	
Dimensions (H x W x D) (mm)	337 x 196 x 416
Weight (kg)	34.2
Battery	
Sealed Maintenance Free Lead Acid Battery	(12) 12V / 7AH
Interface	PP45
Typical Recharge Time	Depends on external batteries
Environment	
Operating Temperature	32~104°F (0~40°C)
Humidity	0~90% Non-Condensing
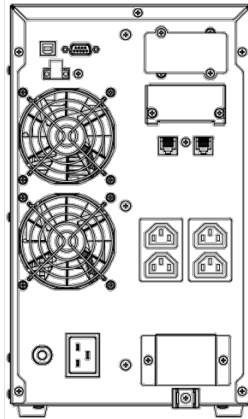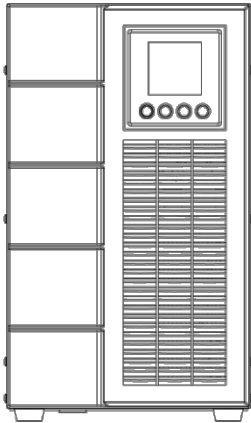
OLS2000E   OLS3000E

BPSE72V45A

€ 100,000 CONNECTED EQUIPMENT LIFETIME GUARANTEE

RoHS

PCT
AЯ 46

CE
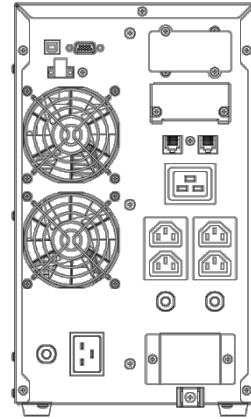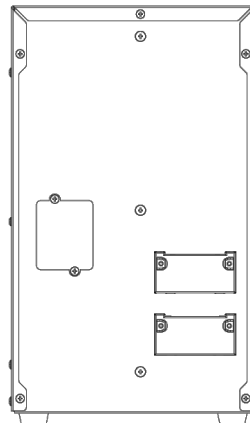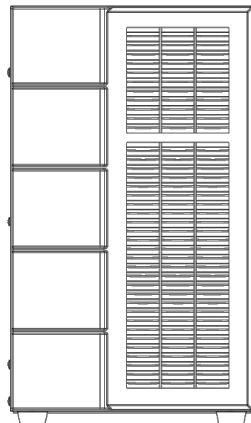
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