

OLS1000/1500E

## Online S Series

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



Online Topology

Pure Sine Wave

Smart Battery Management

SNMP /HTTP

LCD Display

Tower Form

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. Numerous engineering excellences showcase in this enterprise-level application including Economy Mode and Smart Battery Management, 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

### 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.



#### PowerPanel® Business Edition

##### Auto-shutdown Software

PowerPanel® Business Edition Management Software, is compatible with Windows8, 7, Vista, XP, 2000, Windows Server 2012, 2008, 2003, VMware Esxi, Citrix XenServer, Linux and Mac.

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

CISCO Compatible



CyberPower® works with Cisco on the latest version of EnergyWise™ Compatibility.

Go to [http://www.cpswww.eu/products/pdu/cisco\\_disclaimer.htm](http://www.cpswww.eu/products/pdu/cisco_disclaimer.htm) for complete disclaimer.



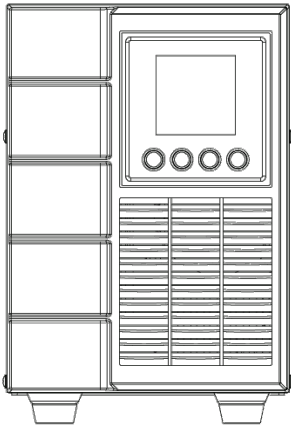
# TECHNICAL SPECIFICATION

Model Name	OLS1000E	OLS1500E
<b>General</b>		
UPS Topology	Double-Conversion	Double-Conversion
Energy Saving	ECO Mode Efficiency > 95%	ECO Mode Efficiency > 95%
Energy Star Qualified	-	-
Active PFC Compatible	Yes	Yes
<b>Input</b>		
Voltage	230Vac	230Vac
Input Voltage Range	160Vac - 300Vac	160Vac - 300Vac
Input Frequency Range	40Hz - 70Hz	40Hz - 70Hz
Rated Input current	10A	10A
Input Power Factor	≥ 0.98	≥ 0.98
Cold Start	Yes	Yes
Plug Type	IEC C14	IEC C14
<b>Output</b>		
VA	1000	1500
Watts	900	1350
On Battery Waveform	Sine Wave	Sine Wave
On Battery Voltage	208, 220, 230, 240Vac (Configurable)	208, 220, 230, 240Vac (Configurable)
Automatic Voltage Regulation (AVR)	-	-
On Battery Frequency	50/60Hz ± 0.5% (Auto-Sensing or Configurable)	50/60Hz ± 0.5% (Auto-Sensing or Configurable)
Outlets - Total	4	4
Outlet Type	IEC320 C13	IEC320 C13
Outlets - Battery & Surge Protected	4	4
Outlets - Surge-Only Protected	-	-
Outlets - Widely Spaced	-	-
Outlets - Critical Load	4	4
Outlets - Non-Critical Load (NCL)	-	-
Outlets - ECO Controlled Outlets	-	-
USB Charging Ports	-	-
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
<b>Battery</b>		
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	3	3
User Replaceable	-	-
Hot-Swappable	-	-
Typical Recharge Time	5 Hours	5 Hours
Smart Battery Management (SBM) Mode	Yes	Yes
Extended Battery Module	BPSE36V45A	BPSE36V45A
Replacement Battery Pack	-	-
Replacement Battery Pack Quantity	-	-
<b>Surge Protection &amp; Filtering</b>		
Surge Suppression	440 Joules	440 Joules
Phone Protection RJ11	Yes	Yes
Phone / Network Protection RJ11/RJ45	1-In, 1-Out	1-In, 1-Out
<b>Management &amp; Communications</b>		
LCD Control Panel	Yes	Yes
Detachable LCD Control Panel Option	-	-
HID Compliant USB Port	Yes	Yes
Serial Port	Yes	Yes
Emergency Power Off (EPO) Port	Yes	Yes
Dry Contacts	-	-
LED Indicators	-	-
Audible Alarms	Yes	Yes
Software	PowerPanel® Business Edition	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes, with optional RMCARD302 / RMCARD303	Yes, with optional RMCARD302 / RMCARD303
<b>Physical</b>		
Form Factor	Tower	Tower
<b>Physical - UPS Module</b>		
Dimensions (WxHxD) (mm.)	151 x 225 x 394	151 x 225 x 394
Weight (kg.)	13.1	15.3
Installed Rack Height	-	-
<b>Physical - Power Module</b>		
Dimensions (WxHxD) (mm.)	-	-
Weight (kg.)	-	-
Power Module Rack Height	-	-
<b>Physical - Battery Module</b>		
Dimensions (WxHxD) (mm.)	-	-
Weight (kg.)	-	-
Battery Module Rack Height	-	-
<b>Environmental</b>		
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	0-5000 feet (0-1500 meters)	0-5000 feet (0-1500 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% to 90%	10% to 90%
Online Thermal Dissipation	342 BTU/hr	420 BTU/hr

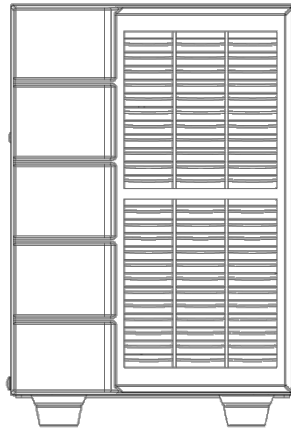
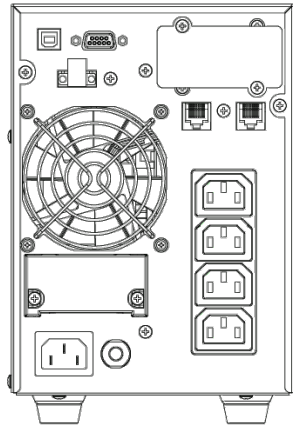
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## BATTERY

<b>Model</b>	<b>BPSE36V45A</b>
Voltage	36VDC
Amperage	45A
<b>Physical</b>	
Dimensions (H x W x D) (mm)	225 x 151 x 394
Weight (kg)	17.2
<b>Battery</b>	
Sealed Maintenance Free Lead Acid Battery	(6) 12V / 7AH
Interface	PP45
Typical Recharge Time	Depends on external batteries
<b>Environment</b>	
Operating Temperature	32~104°F (0~40°C)
Humidity	0~90% Non-Condensing



OLS1000E  
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BPSE36V45A

