CyberPower®

OLS2000/3000ERT2U

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	Rack/Tower Form

The Online S Series UPS 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, it can provide consistent and seamless Pure Sine wave power to critical loads. Numerous engineering excellences showcase in this enterprise-level application including Economy Mode and Smart Battery Management, which further enhance its overall performance and capability.

An optional SNMP/HTTP Remote Management Capability enables remote management and control of the system through standard web browser. The included PowerPanel® Business Edition management software provides corporate servers and critical workstations 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
- Rackmount / 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
- 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.cpsww.eu/products/pdu/cisco_disclaimer.htm for complete disclaimer.

TECHNICAL SPECIFICATION

Model Name	OLS2000ERT2U	OLS3000ERT2U
General		
UPS Topology	Double-Conversion	
Energy Saving	ECO Mode Efficiency > 95%	
Active PFC Compatible	Yes	
Input		
Voltage	230Vac	
Input Voltage Range	160Vac - 300Vac	
Input Frequency Range	40Hz - 70Hz	
Rated Input current	16A	
Input Power Factor	$\geqq 0.98$	
Cold Start	Yes	
Plug Type	IEC C20	
Output		
VA	2000	3000
Watts	1800	2700
On Battery Waveform	Sine Wave	
On Battery Voltage	208, 220, 230, 240Vac (Configurable)	
On Battery Frequency	50/60Hz ± 0.5% (Auto-Sensing or Configurable)	
Outlets - Total	8	9
Outlet Type	(4+4) IEC320 C13	(1) IEC320 C19, (4+4) IEC320 C13
Outlets - Battery & Surge Protected	8	9
Outlets - Critical Load	8	9
Rated Power Factor	0.9	
Harmonic Distortion	THD < 3% at Linear Load, < 5% at Non-linear Load	
Transfer Time	0ms	
Battery		
Runtime at Half Load (min)	16	14
Runtime at Full Load (min)	6	5
Battery Type	Sealed Maintenance Free Lead Acid Battery	
Battery Size	12V/7AH	12V/9AH
Battery Quantity	6	
User Replaceable	Yes	
Hot-Swappable	Yes	
Typical Recharge Time	5 Hours	
Smart Battery Management (SBM) Mode	Yes	
Extended Battery Module	BPSE72V45ART2U	
Replacement Battery Pack Quantity	RBP0069	RBP0070
Surge Protection & Filtering		
Surge Suppression	440 Joules	
Phone Protection RJ11	Yes	
Phone / Network Protection RJ11/RJ45	1-In, 1-Out	
Management & Communications		
LCD Control Panel	Yes	
HID Compliant USB Port	Yes	
Serial Port	Yes	
Emergency Power Off (EPO) Port	Yes	
Audible Alarms	Yes	
Software	PowerPanel® Business Edition	
SNMP / HTTP Remote Monitoring	Yes, with optional RMCARD302 / RMCARD303	
Physical		
Form Factor	Rack/Tower	
Physical - UPS Module		
Dimensions (WxHxD) (mm.)	438 x 88 x 610	
Weight (kg.)	21.2	27.6
Installed Rack Height	2U	
Physical - Battery Module		
Dimensions (WxHxD) (mm.)	438 x 88 x 610	
Weight (kg.)	34.7	
Battery Module Rack Height	2U	
Environmental		
Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C	
Operating Humidity	20% ~ 90% non-condensing	
Operating Elevation	0-5000 feet (0-1500 meters)	
Storage Temperature	-4 °F to 122 °F / -20 °C to 50 °C	
Storage Relative Humidity	10% to 90%	
Online Thermal Dissipation	666 BTU/hr	1126 BTU/hr

#All specifications are subject to change without notice. ©2015 CyberPower Systems. All Trademarks are the property of their owners.
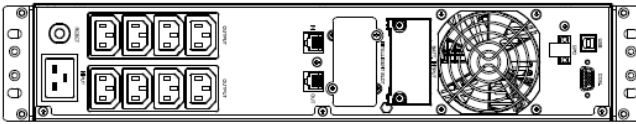
BATTERY

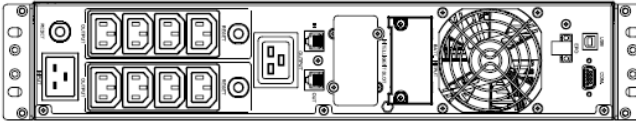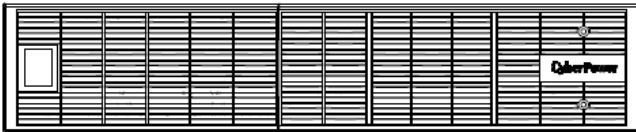| Model	BPSE72V45ART2U
Voltage	72VDC
Amperage	45A
Physical	
Dimensions (W x H x D) (mm)	438 x 88 x 610
Weight (kg)	34.7
Battery	
Sealed Maintenance Free Lead Acid Battery	(12) 12V / 7AH
Interface	PP45
Typical Recharge Time	Depends on external batteries
Environment	
Operating Temperature	32~104°F (0~40°C)
Humidity	0~90% Non-Condensing

OLS2000/3000ERT2U
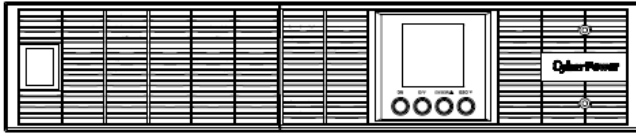
Front Panel

Back Panel
-OLS2000ERT2U

Back Panel
-OLS3000ERT2U

BPSE72V45ART2U

Front Panel

Back Panel