OLS1000ERT2UA/OLS1500ERT2UA
OLS2000ERT2UA

TRUSTWORTHY ONLINE UPS TO SAFEGUARD DATA CENTER

Online (Double Conversion) UPS Topology	ECO Mode	Generator Compatible	Overload Protection	Zero Transfer Time	Remote Management Capability
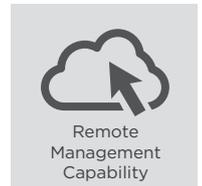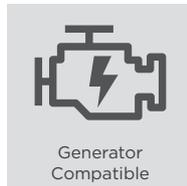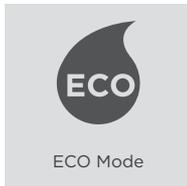
## The high-performance online double-conversion UPS that offers reliable power protection

Designed for office and data center applications, the Online S (Advanced) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs feature color LCD panel for users to monitor power system and configure settings easily. The Extended Battery Modules (EBM) can be employed to increase system runtime during power outages. The variable speed fans provide automatic thermal management based on power load to reduce noise and provide greater comfort for users. The products also allow users to perform real-time monitoring and remote management of the UPS via PowerPanel Power Management Software.

SERIES FEATURES

- Online (Double Conversion) UPS Topology
- ECO Mode
- Generator Compatible
- Overload Protection
- Zero Transfer Time
- Smart Battery Management (SBM)
- Extended Battery Module Auto-detection
- Surge and Spike Protection

- Critical/Non-critical Load Outlets
- EMI and RFI Filtration
- Phone/Fax/Modem/DSL/Network Protection
- Color LCD Panel
- Variable Speed Fans
- Emergency Power Off (EPO) Port
- PowerPanel Management Software
- SNMP/HTTP Remote Management Capability (Optional)

PRODUCT CALLOUTS

1. Power On/OffSwitch
2. LCD Display Panel
3. Function Button(s)
4. Battery Backup & Surge Protected Outlets
5. AC Inlet
6. Input Circuit Breaker
7. Serial Port
8. USB Port
9. EPO Port
10. Communication Protection Ports RJ-11/RJ-45
11. Extended Battery Module Detection Connector
12. Relay-type Dry Contact
13. SNMP/HTTP Network Slot
14. Extended Battery Module Connector
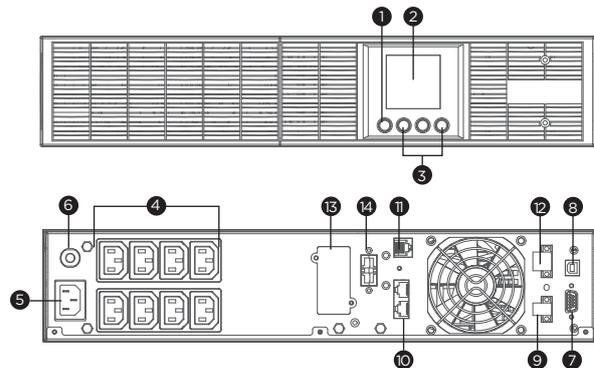
OLS1000/1500/2000ERT2UA

TECHNICAL SPECIFICATIONS

Model Name	OLS1000ERT2UA	OLS1500ERT2UA	OLS2000ERT2UA
General			
UPS Topology	Online Double Conversion		
Energy Saving Technology	Online ECO Mode Efficiency > 95%		
Active PFC Compatibility	Yes		
Input			
Generator Compatibility	Yes		
Nominal Input Voltage (Vac)	230 ± 10%		
Input Voltage Range (Vac)	160 - 300	190 - 300	
Input Frequency (Hz)	50 ± 10, 60 ± 10		
Input Frequency Detection	Auto-sensing		
Rated Input Current (A)	4.5	9	
Input Power Factor	0.99		
Input Connector Type	IEC C14		
Output			
Capacity (VA)	1000	1500	2000
Capacity (Watts)	900	1350	1800
On Battery Waveform	Pure Sine Wave		
On Battery Voltage(s) (Vac)	208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1%		
Output Voltage Setting	Configurable		
On Battery Frequency (Hz)	50 ± 0.5%, 60 ± 0.5%		
Output Frequency Setting	Configurable		
Power Factor	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		
Harmonic Distortion (Linear Load)	THD＜3%		
Harmonic Distortion (Non-linear Load)	THD＜5%		
Outlet(s) - Total	8		
Outlet Type	IEC C13 x 8		
Outlet(s) - Battery & Surge Protected	8		
Outlet(s) - Critical Load (CL)	4		
Outlet(s) - Non-Critical Load (NCL)	4		
Typical Transfer Time (ms)	0		
Battery			
Runtime at Half Load (min)	13.9	15.3	13.1
Runtime at Full Load (min)	4.6	5.3	3.8
Typical Recharge Time (Hours)	4		
Smart Battery Management (SBM)	Yes		
User-replaceable	Yes - Qualified Personnel Only		
Battery Type	Sealed Lead-acid		
Replacement Battery Pack (RBP)	RBP0156	RBP0169	RBP0157
Replacement Battery Pack (RBP) Quantity (pcs)	1		
Compatible Extended Battery Module (EBM)	BPSE24V40ART2U	BPSE48V40ART2U	
Max. EBM Quantity (pcs)	3		
Surge Protection & Filtering			
Surge Suppression (Joules)	363		
EMI/RFI Filtration	Yes		
Phone/Network Protection RJ11/RJ45 (Combo)	1-in, 1-out		
Management & Communications			
LCD Panel	Yes		
LCD Types	Color LCD		
LCD Orientation	-	Rotatable LCD – Manual	-
HID Compliant USB Port(s)	1		
Serial Port	RS2322		
Dry Contact (with Relay)	Yes		
Emergency Power Off (EPO) Port	Yes		
Power Management Software	PowerPanel Business (Recommended)		
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD205		
Physical			
Form Factor	Rackmount, Tower		
Physical Size - UPS Module			
Dimensions (WxHxD) (mm.)	438 x 88 x 430		
Weight (kg.)	13.5	13.8	19.2
Installed Rack Height (U)	2		
Environmental			
Operating Temperature (°C)	0 - 40		
Operating Relative Humidity (Non-condensing) (%)	20 - 90		
Online Thermal Dissipation (BTU/hr)	380	682	
Certifications			
Certifications*	CE, EAC	CE	CE, EAC
RoHS	Yes		

*Certifications may vary according to different regions. Visit www.cyberpower.com for more information.
#All specifications are subject to change without notice.