CyberPower

ONLINE S (ADVANCED) SERIES

OLS1000ERT2UA/OLS1500ERT2UA
OLS2000ERT2UA/OLS3000ERT2UA



TRUSTWORTHY ONLINE UPS TO SAFEGUARD DATA CENTER

Online (Double Conversion) UPS Topology

ECO Mode

Generator Compatible

Load
Overload Protection

0 sec.
Zero Transfer Time

Remote Management Capability

The high-performance online double-conversion UPS that offers reliable power protection

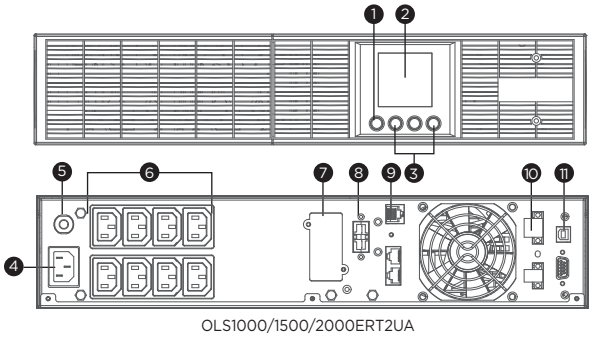
Designed for office and data center applications, the Online S (Advanced) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs feature color LCD panel for users to monitor power system and configure settings easily. The Extended Battery Modules (EBM) can be employed 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

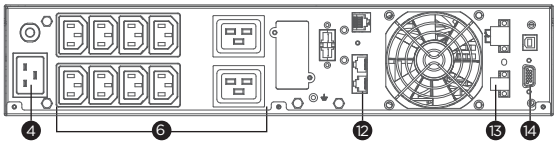
- Online (Double Conversion) UPS Topology
- ECO Mode
- Generator Compatible
- Overload Protection
- Zero Transfer Time
- Smart Battery Management (SBM)
- Extended Battery Module Auto-detection
- Surge and Spike Protection
- Critical/Non-critical Load Outlets
- EMI and RFI Filtration
- Phone/Fax/Modem/DSL/Network 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/Off Switch
2. LCD Display Panel
3. Function Button(s)
4. AC Inlet
5. Input Circuit Breaker
6. Battery Backup & Surge Protected Outlets
7. SNMP/HTTP Network Slot
8. Extended Battery Module Connector
9. Extended Battery Module Detection Connector
10. Relay-type Dry Contact
11. USB Port
12. Communication Protection Ports RJ11/RJ45
13. EPO Port
14. Serial Port



OLS1000/1500/2000ERT2UA



OLS3000ERT2UA

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TECHNICAL SPECIFICATIONS

Model Name	OLS1000ERT2UA	OLS1500ERT2UA	OLS2000ERT2UA	OLS3000ERT2UA
General				
UPS Topology	Online Double Conversion			
Energy Saving Technology	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		13
Input Power Factor	0.99			
Input Connector Type	IEC C14			IEC C20
Output				
Capacity (VA)	1000	1500	2000	3000
Capacity (Watts)	900	1350	1800	2700
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			10
Outlet Type	IEC C13 x 8			IEC C19 x 2, IEC C13 x 8
Outlet(s) - Battery & Surge Protected	8			10
Outlet(s) - Critical Load (CL)	4			6
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	4.2
Typical Recharge Time (Hours)	4			
Smart Battery Management (SBM)	Yes			
Hot-swappable	Yes - Qualified Personnel Only			
User-replaceable	Yes - Qualified Personnel Only			
Battery Type	Sealed Lead-acid			
Replacement Battery Pack	RBP0156	RBP0169	RBP0157	RBP0158
Replacement Battery Pack (RBP) Quantity (pcs)	1			
Compatible Extended Battery Module (EBM)	BPSE24V40ART2U	BPSE48V40ART2U		BPSE72V40ART2U
Max. EBM Quantity (pcs)	3			
Surge Protection & Filtering				
Surge Suppression (Joules)	363			388
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	RS232			
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			438 x 88 x 610
Weight (kg.)	13.5	16.8	19.2	26.7
Installed Rack Height (U)	2			
Environmental				
Operating Temperature (°C)	0 - 40			
Operating Relative Humidity (Non-condensing) (%)	5 - 95			
Online Thermal Dissipation (BTU/hr)	380	682		911
Certifications				
Certifications*	CE, EAC	CE	CE, EAC, TISI	
RoHS	Yes			

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

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