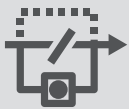


OL1000ERTXL2U/OL1500ERTXL2U
OL2000ERTXL2U/OL3000ERTXL2U

ENTERPRISE ONLINE UPS TO SAFEGUARD DATA CENTER



Online (Double
Conversion) UPS
Topology



Energy Saving
Technology



Critical/Non-critical
Load Outlets



Smart Battery
Management



Extended Battery
Module (EBM)



Remote
Management
Capability

The high performance online double-conversion UPS designed with zero transfer time for IT equipment

Designed for office and data center applications, the Online Series adopts double-conversion topology to provide seamless pure sine wave output. The generator-compatible UPSs feature hot-swappable battery packs for maintenance without power interruption. The products also adopt ECO Mode to help save on energy costs, Smart Battery Management (SBM) to extend battery lifespan, and detachable LCD display panel to relocate the panel for convenient monitoring. The power management software allows users to easily control and monitor the UPS system.

APPLICATION

- SOHO Office
- Back Office
- Data Center
- Factory
- Train Station
- Office
- Server Room
- Supermarket
- Airport

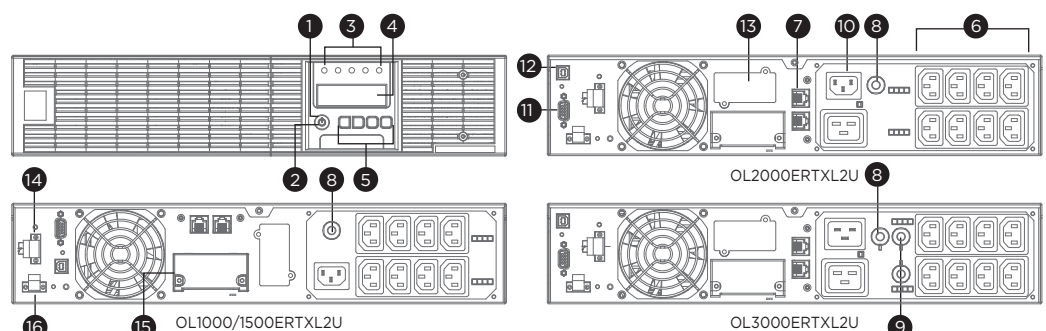
SERIES FEATURES

- Online (Double Conversion) UPS Topology
- Generator Compatible
- Zero Transfer Time
- Extended Battery Module (EBM)
- Emergency Power Off (EPO) Port
- SNMP/HTTP Remote Management Capability (Optional)
- Energy Saving Technology
- Critical/Non-critical Load Outlets
- Smart Battery Management (SBM)
- Detachable LCD Panel
- PowerPanel® Management Software
- Rack/Tower Convertible Configurations

PRODUCT CALLOUTS

- 1 . Power On Indicator
- 2 . Power On/Off Switch
- 3 . LED Status Indicators
- 4 . LCD Display Panel
- 5 . Function Buttons
- 6 . Battery Backup & Surge Protected Outlets
- 7 . Communication Protection Ports RJ11/RJ45
- 8 . Input Circuit Breaker
- 9 . Output Circuit Breaker
- 10 . AC Inlet
- 11 . Serial Port
- 12 . USB Port
- 13 . SNMP/HTTP Network Slot
- 14 . Relay Output Connector

- 15 . Extended Battery Module Connector
- 16 . EPO Port



TECHNICAL SPECIFICATIONS

Model Name	OL1000ERTXL2U	OL1500ERTXL2U	OL2000ERTXL2U	OL3000ERTXL2U
General				
UPS Topology	Online Double Conversion	Online Double Conversion	Online Double Conversion	Online Double Conversion
Energy Saving Technology	Online ECO Mode Efficiency > 95%	Online ECO Mode Efficiency > 95%	Online ECO Mode Efficiency > 95%	Online ECO Mode Efficiency > 93%
Active PFC Compatibility	Yes	Yes	Yes	Yes
Input				
Generator Compatibility	Yes	Yes	Yes	Yes
Nominal Input Voltage (Vac)	200, 208, 220, 230, 240	200, 208, 220, 230, 240	200, 208, 220, 230, 240	200, 208, 220, 230, 240
Input Voltage Range (Vac)	190 - 300	190 - 300	190 - 300	190 - 300
Input Frequency (Hz)	50 ± 10, 60 ± 10	50 ± 10, 60 ± 10	50 ± 10, 60 ± 10	50 ± 10, 60 ± 10
Input Frequency Detection	Auto-sensing	Auto-sensing	Auto-sensing	Auto-sensing
Rated Input Current (A)	5	7.5	10	15
Input Power Factor	0.99	0.99	0.99	0.99
Input Connector Type	IEC C14	IEC C14	IEC C14	IEC C20
Output				
Capacity (VA)	1000	1500	2000	3000
Capacity (Watts)	900	1350	1800	2700
On Battery Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
On Battery Voltage(s) (Vac)	200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2%			
Output Voltage Setting	Configurable	Configurable	Configurable	Configurable
On Battery Frequency (Hz)	50 ± 0.5%, 60 ± 0.5%	50 ± 0.5%, 60 ± 0.5%	50 ± 0.5%, 60 ± 0.5%	50 ± 0.5%, 60 ± 0.5%
Output Frequency Setting	Configurable	Configurable	Configurable	Configurable
Power Factor	0.9	0.9	0.9	0.9
Overload Protection	Internal Current Limiting, Circuit Breaker, Fuse			
Overload Protection (Line Mode)	105-125% Load for 1 min, 125-150% Load for 10 sec			
Overload Protection (Battery Mode)	105-130% Load for 10 sec, 130-150% Load for 2 sec			
Overload Protection (Bypass Mode)	Circuit Breaker	Circuit Breaker	Circuit Breaker	Circuit Breaker
Harmonic Distortion (Linear Load)	THD < 3%	THD < 3%	THD < 3%	THD < 3%
Harmonic Distortion (Non-linear Load)	THD < 5%	THD < 5%	THD < 5%	THD < 5%
Outlet(s) - Total	8	8	9	9
Outlet Type	IEC C13 x 8	IEC C13 x 8	IEC C13 x 8, IEC C19 x 1	IEC C13 x 8, IEC C19 x 1
Outlet(s) - Battery & Surge Protected	8	8	9	9
Outlet(s) - Critical Load (CL)	4	4	5	5
Outlet(s) - Non-Critical Load (NCL)	4	4	4	4
Typical Transfer Time (ms)	0	0	0	0
Battery				
Runtime at Half Load (min)	18	9	18	11
Runtime at Full Load (min)	6	3	6	3.5
Typical Recharge Time (Hours)	5	5	5	5
Smart Battery Management (SBM)	Yes	Yes	Yes	Yes
User Replaceable	Yes	Yes	Yes	Yes
Hot-Swappable	Yes	Yes	Yes	Yes
Battery Type	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid
Replacement Battery Pack	RBPO074	RBPO074	RBPO076	RBPO076
RBP Quantity (pcs)	1	1	1	1
Extended Battery Module (EBM)	BPE36V60ART2US	BPE36V60ART2US	BPE72V60ART2US	BPE72V60ART2US
Max. EBM Quantity (pcs)	10	10	10	10
Surge Protection & Filtering				
Surge Suppression (Joules)	1780	1780	1335	1335
EMI/RFI Filtration	Yes	Yes	Yes	Yes
Phone/Network Protection RJ11/RJ45 (Combo)	1-in, 1-out	1-in, 1-out	1-in, 1-out	1-in, 1-out
Management & Communications				
LCD Panel	Yes	Yes	Yes	Yes
Detachable LCD Panel	Yes	Yes	Yes	Yes
HID Compliant USB Port(s)	1	1	1	1
Serial Port	Combo (RS232 + Dry Contact)	Combo (RS232 + Dry Contact)	Combo (RS232 + Dry Contact)	Combo (RS232 + Dry Contact)
Dry Contact (with Relay)	Yes	Yes	Yes	Yes
Emergency Power Off (EPO) Port	Yes	Yes	Yes	Yes
Power Management Software	PowerPanel® Business	PowerPanel® Business	PowerPanel® Business	PowerPanel® Business
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD205	Yes - with optional RMCARD205	Yes - with optional RMCARD205	Yes - with optional RMCARD205
Physical				
Form Factor	Rack/Tower	Rack/Tower	Rack/Tower	Rack/Tower
Physical Size - UPS Module				
Dimensions (WxHxD) (mm.)	433 x 88 x 430	433 x 88 x 430	433 x 88 x 600	433 x 88 x 600
Weight (kg.)	18	18	31	32
Installed Rack Height (U)	2	2	2	2
Environmental				
Operating Temperature (°C)	0 - 40	0 - 40	0 - 40	0 - 40
Operating Relative Humidity (Non-condensing) (%)	0 - 90	0 - 90	0 - 90	0 - 90
Online Thermal Dissipation (BTU/hr)	341	512	759	1139
Certifications				
Certifications*	CE, RCM	CE, RCM	CE, BSMI	CE, BSMI
RoHS	Yes	Yes	Yes	Yes

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