













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

Designed for office and data center applications, the Online S 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 products also provide relay-type dry contact to perform local management. Extended battery module auto-detection assists users to estimate UPS's runtime by automatically detecting the quantity of connected Extended Battery Modules (EBM). The variable speed fans provide automatic thermal management based on power load to reduce noise and provide greater comfort for users.

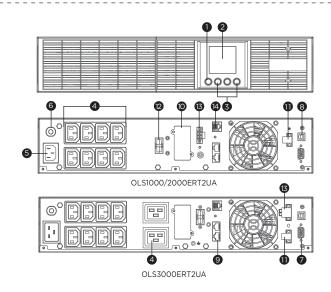
SERIES FEATURES

- 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. Battery Backup & Surge Protected Outlets
- 5. AC Inlet
- 6. Input Circuit Breaker
- 7. Serial Port
- 8. USB Port
- 9. Communication Protection Ports RJ-11/RJ-45
- 10. SNMP/HTTP Network Slot
- 11. EPO Port
- 12. Extended Battery Module Connector
- 13. Relay-type Dry Contact
- 14. Extended Battery Module Detection Connector



TECHNICAL SPECIFICATIONS

Model Name	OLS1000ERT2UA	OLS2000ERT2UA	OLS3000ERT2UA
General		Online D. LL. O.	
JPS Topology		Online Double Conversion	
Energy Saving Technology	Online ECO Mode Efficiency > 95%		
Active PFC Compatibility	Yes		
nput			
Generator Compatibility		Yes	
Nominal Input Voltage (Vac)		230 ± 10%	
nput Voltage Range (Vac)	160 ~ 300	190 ~ 30	00
nput Frequency (Hz)		50 ± 10, 60 ± 10	
nput Frequency Detection	4.5	Auto-sensing	17
Rated Input Current (A)	4.5	9	13
nput Power Factor		0.99	
nput Connector Type	IEC C	C14	IEC C20
Output			
Capacity (VA)	1000	2000	3000
Capacity (Watts)	900	1800	2700
On Battery Waveform		Pure Sine Wave	
On Battery Voltage(s) (Vac)		208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1%	
		Configurable	
output Voltage Setting	<u> </u>		
n Battery Frequency (Hz)	50 ± 0.5%, 60 ± 0.5%		
utput Frequency Setting		Configurable	
ower Factor	0.9		
verload Protection	Internal Current Limiting, Circuit Breaker, Fuse		
verload 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)	>330% Load Immediately		
	THO 38		
Harmonic Distortion (Linear Load)			
Harmonic Distortion (Non-linear Load)		THD<5%	10
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	
ypical Transfer Time (ms)		0	
Battery		·	
untime at Half Load (min)	11	11.9	13.8
untime at Full Load (min)	4		4.3
1 1	64	4	4.3
ypical Recharge Time (Hours)			
Smart Battery Management (SBM)		Yes	
Jser-replaceable		Yes - Qualified Personnel Only	
Battery Type		Sealed Lead-acid	
Replacement Battery Pack	RBP0156	RBP0157	RBP0158
RBP Quantity (pcs)		1	
Compatible Extended Battery Module			
EBM)	BPSE24V40ART2U	BPSE48V40ART2U	BPSE72V40ART2U
1ax. EBM Quantity (pcs)		3	
urge Protection & Filtering			
urge Protection & Filtering			
······································	70	7	700
	36:		388
MI/RFI Filtration	36.	3 Yes	388
MI/RFI Filtration Phone/Network Protection RJ11/RJ45		Yes	388
MI/RFI Filtration hone/Network Protection RJ11/RJ45			388
MI/RFI Filtration hone/Network Protection RJ11/RJ45 Combo)	36	Yes	388
MI/RFI Filtration hone/Network Protection RJ11/RJ45 Combo) lanagement & Communications	36	Yes	388
MI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Management & Communications CD Panel	36	Yes 1-in, 1-out	388
M/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Innagement & Communications CD Panel CD Types	36	Yes 1-in, 1-out Yes Color LCD	388
M/RFI Filtration hone/Network Protection RJ11/RJ45 Combo) lanagement & Communications CD Panel CD Types IID Compliant USB Port(s)	36	Yes 1-in, 1-out Yes Color LCD 1	388
M/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Ianagement & Communications CD Panel CD Types IID Compliant USB Port(s) Ierial Port	36	Yes 1-in, 1-out Yes Color LCD 1 RS232	388
MI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Anagement & Communications CD Panel CD Types IID Compliant USB Port(s) Gerial Port Ory Contact (with Relay)	36	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes	388
MI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Ianagement & Communications CD Panel CD Types IIID Compliant USB Port(s) erial Port bry Contact (with Relay) mergency Power Off (EPO) Port	36	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes	388
M/RFI Filtration chone/Network Protection RJ11/RJ45 combo) lanagement & Communications CD Panel CD Types IIID Compliant USB Port(s) erial Port rry Contact (with Relay) mergency Power Off (EPO) Port lower Management Software	36	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes Yes PowerPanel Business (Recommended)	388
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MI/RFI Filtration hone/Network Protection RJ11/RJ45 Zombo) anagement & Communications CD Panel CD Types ID Compliant USB Port(s) erial Port ry Contact (with Relay) mergency Power Off (EPO) Port ower Management Software NMP/HTTP Remote Monitoring hysical orm Factor	36	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205	388
MI/RFI Filtration hone/Network Protection RJ11/RJ45 Combo) anagement & Communications CD Panel CD Types ID Compliant USB Port(s) erial Port ry Contact (with Relay) mergency Power Off (EPO) Port ower Management Software NMP/HTTP Remote Monitoring hysical orm Factor hysical Size - UPS Module		Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower	
MI/RFI Filtration hone/Network Protection RJ11/RJ45 Combo) lanagement & Communications CD Panel CD Types IID Compliant USB Port(s) erial Port try Contact (with Relay) mergency Power Off (EPO) Port ower Management Software NMP/HTTP Remote Monitoring hysical orm Factor hysical Size - UPS Module imensions (WxHxD) (mm.)	438 x 88	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower	438 × 88 × 610
M/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) flanagement & Communications CD Panel CD Types IIID Compliant USB Port(s) Perial Port Ory Contact (with Relay) Perial Port Prover Management Software NMP/HTTP Remote Monitoring Physical Prover Factor Physical Size - UPS Module Dimensions (WxHxD) (mm.) Veight (kg.)		Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower	
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MI/RFI Filtration hone/Network Protection RJ11/RJ45 Combo) lanagement & Communications CD Panel CD Types IID Compliant USB Port(s) erial Port ry Contact (with Relay) mergency Power Off (EPO) Port ower Management Software NMP/HTTP Remote Monitoring hysical orm Factor hysical Size - UPS Module imensions (WxHxD) (mm.) Veight (kg.) stalled Rack Height (U) nvironmental	438 x 88	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower 8 x 430 19.2 2	438 × 88 × 610
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MI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Management & Communications CCD Panel CD Types HID Compliant USB Port(s) Gerial Port Ory Contact (with Relay) Emergency Power Off (EPO) Port Ower Management Software EMMP/HTTP Remote Monitoring Physical Form Factor Physical Size - UPS Module Dimensions (WxHxD) (mm.) Weight (kg.) Installed Rack Height (U) Environmental Operating Temperature (°C) Deparating Temperature (°C) Deparating Temperature (°C) Deparating Temperature (°C)	438 x 88	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower 3 x 430 19.2 2	438 × 88 × 610
M/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Ilanagement & Communications CD Panel CD Types IIID Compliant USB Port(s) Perial Port Ory Contact (with Relay) Perial Port Ower Management Software Power Management Software Power Management Monitoring Physical Form Factor Physical Size - UPS Module Dimensions (WxHxD) (mm.) Veight (kg.) Postaling Temperature (°C) Poperating Temperature (°C) Poperating Temperature (°C) Poperating Temperature (°C) Poperating Temperature (°C)	438 x 88	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower 8 x 430 19.2 2	438 × 88 × 610
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M/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Idanagement & Communications CD Panel CD Types IID Compliant USB Port(s) Perial Port Province of Communications CD Types IID Compliant USB Port(s) Perial Port Province of Compliant USB Port(s) Perial Port Province of Compliant USB Port(s) Province of Compliant USB Port(s) Perial Port Province of Compliant USB Port(s) Province of	438 x 88 13.5	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower 3 x 430 19.2 2 0 - 40 20 - 90	438 × 88 × 610 26.7
MI/RFI Filtration hone/Network Protection RJ11/RJ45 Combo) lanagement & Communications CD Panel CD Panel CD Types IID Compliant USB Port(s) erial Port vry Contact (with Relay) mergency Power Off (EPO) Port ower Management Software NMP/HTTP Remote Monitoring hysical orm Factor hysical Size - UPS Module vimensions (WxHxD) (mm.) Veight (kg.) stalled Rack Height (U) nvironmental poperating Temperature (°C) poperating Relative Humidity Non-condensing) (%)	438 x 88 13.5	Yes 1-in, 1-out Yes Color LCD 1 RS232 Yes Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower 3 x 430 19.2 2 0 - 40 20 - 90	438 × 88 × 610 26.7

^{*}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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