Cyber Power

ONLINE S (ADVANCED) SERIES





OLS1000ERT2UA/OLS1500ERT2UA

OLS2000ERT2UA

TRUSTWORTHY ONLINE UPS TO SAFEGUARD DATA CENTER













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

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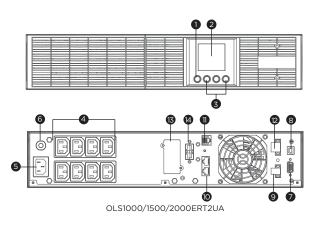
- Smart Battery Management (SBM)
- Extended Battery Module Auto-detection
- Surge and Spike Protection

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



OLS1000ERT2UA/OLS1500ERT2UA OLS2000ERT2UA

TECHNICAL SPECIFICATIONS

1odel Name	OLS1000ERT2UA	OLS1500ERT2UA	OLS2000ERT2UA	
Seneral		Online Double Conversion		
JPS Topology				
nergy Saving Technology		Online ECO Mode Efficiency > 95%		
Active PFC Compatibility		Yes		
nput				
Senerator Compatibility		Yes		
Nominal Input Voltage (Vac)		230 ± 10%		
nput Voltage Range (Vac)	160 ~ 300		0 ~ 300	
nput Frequency (Hz)		50 ± 10, 60 ± 10		
nput Frequency Detection		Auto-sensing		
Rated Input Current (A)	4.5		9	
nput Power Factor		0.99		
nput Connector Type		IEC C14		
Dutput				
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%		
Dutput Voltage Setting		Configurable		
Dn Battery Frequency (Hz)		50 ± 0.5%, 60 ± 0.5%		
Dutput Frequency Setting		Configurable		
Power Factor		0.9		
Overload Protection		Internal Current Limiting, Circuit Breaker, Fuse		
		110-120% Load for 1 min, >120% Load Immediatel		
Overload Protection (Line Mode)			-	
Overload Protection (Battery Mode)		110-120% Load for 10 sec, >120% Load Immediate	ау	
Overload Protection (Bypass Mode)		>130% Load Immediately		
larmonic Distortion (Linear Load)		THD<3%		
larmonic Distortion (Non-linear Load)		THD<5%		
Dutlet(s) - Total		8		
Dutlet Type		IEC C13 x 8		
Outlet(s) - Battery & Surge Protected		8		
Dutlet(s) - Critical Load (CL)		4		
Dutlet(s) - Non-Critical Load (NCL)		4		
ypical Transfer Time (ms)		0		
Battery		Ŭ		
	13.9	15.3	13.1	
Runtime at Half Load (min)				
untime at Full Load (min)	4.6	5.3	3.8	
ypical Recharge Time (Hours)		4		
Smart Battery Management (SBM)		Yes		
Jser-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	BPSE48	3V40ART2U	
		3		
1ax. EBM Quantity (pcs)				
urge Protection & Filtering		363		
Aax. EBM Quantity (pcs) Surge Protection & Filtering Surge Suppression (Joules) EMI/RFI Filtration		363 Yes		
iurge Protection & Filtering iurge Suppression (Joules) MI/RFI Filtration		Yes		
Surge Protection & Filtering Surge Suppression (Joules) MI/RFI Filtration Phone/Network Protection RJ11/RJ45				
urge Protection & Filtering urge Suppression (Joules) MI/RFI Filtration hone/Network Protection RJ11/RJ45 Combo)		Yes		
iurge Protection & Filtering iurge Suppression (Joules) MI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) fanagement & Communications		Yes 1-in, 1-out		
iurge Protection & Filtering iurge Suppression (Joules) MI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) fanagement & Communications CD Panel		Yes 1-in, 1-out Yes		
Surge Protection & Filtering surge Suppression (Joules) MI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) fanagement & Communications CD Panel CD Types		Yes 1-in, 1-out Yes Color LCD		
Surge Protection & Filtering surge Suppression (Joules) MI/RFI Filtration whone/Network Protection RJ11/RJ45 Combo) flanagement & Communications CD Panel CD Types CD Orientation	-	Yes 1-in, 1-out Yes Color LCD Rotatable LCD - Manual	-	
urge Protection & Filtering urge Suppression (Joules) MI/RFI Filtration 'hone/Network Protection RJ11/RJ45 Combo) lanagement & Communications CD Panel CD Types CD Orientation IID Compliant USB Port(s)		Yes 1-in, 1-out Yes Color LCD Rotatable LCD - Manual 1	-	
Surge Protection & Filtering surge Suppression (Joules) MI/RFI Filtration whone/Network Protection RJ11/RJ45 Combol Management & Communications CD Panel CD Types CD Orientation HD Compliant USB Port(s)		Yes 1-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322	-	
Surge Protection & Filtering Surge Suppression (Joules) SMI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Management & Communications .CD Panel .CD Types .CD Orientation IID Compliant USB Port(s) serial Port Ory Contact (with Relay)		Yes 1-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes	-	
Surge Protection & Filtering Surge Suppression (Joules) SUM/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Anagement & Communications CD Panel .CD Types .CD Orientation HID Compliant USB Port(s) serial Port ryc Contact (with Relay) Emergency Power Off (EPO) Port		Yes I-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes Yes Yes	-	
Surge Protection & Filtering surge Suppression (Joules) MI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) fanagement & Communications CD Panel .CD Types .CD Orientation HD Compliant USB Port(s) ierial Port ryc Contact (with Relay) imargency Power Off (EPO) Port		Yes I-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes Yes Yes PowerPanel Business (Recommended)	-	
Surge Protection & Filtering surge Suppression (Joules) WI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) fanagement & Communications CD Panel .CD Types .CD Orientation HD Compliant USB Port(s) weral Port .byry Contact (with Relay) .cmergency Power Off (EPO) Port .cower Management Software		Yes I-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes Yes Yes	-	
Burge Protection & Filtering Burge Suppression (Joules) MI/RFI Filtration whone/Network Protection RJ11/RJ45 Combo) Management & Communications CD Panel CD Types CD Orientation IID Compliant USB Port(s) Berial Port Dry Contact (with Relay) Remergency Power Off (EPO) Port Power Management Software WMP/HTTP Remote Monitoring		Yes I-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes Yes Yes PowerPanel Business (Recommended)		
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urge Protection & Filtering urge Suppression (Joules) MI/RFI Filtration whone/Network Protection RJ11/RJ45 Comboi thangement & Communications CD Panel CD Types CD Orientation IID Compliant USB Port(s) errial Port Dry Contact (with Relay) imergency Power Off (EPO) Port rower Management Software NMP/HTTP Remote Monitoring thysical orm Factor thysical Size - UPS Module		Yes I-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower	-	
urge Protection & Filtering urge Suppression (Joules) MI/RFI Filtration hone/Network Protection RJ11/RJ45 Combo) fanagement & Communications CD Panel CD Types CD Orientation IID Compliant USB Port(s) erial Port ryc Contact (with Relay) imergency Power Off (EPO) Port tower Management Software NMP/HTTP Remote Monitoring thysical orm Factor hysical Size - UPS Module bimensions (WxHxD) (mm.)		Yes I-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower 438 x 88 x 430		
Burge Protection & Filtering Burge Suppression (Joules) WI/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) fanagement & Communications CD Panel CD Types CD Orientation IID Compliant USB Port(s) weral Port Dry Contact (with Relay) werergency Power Off (EPO) Port Power Management Software NMP/HTTP Remote Monitoring Physical form Factor Physical Size - UPS Module Dimensions (WXHxD) (mm.) Veight (kg.)		Yes I-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower 438 x 88 x 430 13.8		
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Surge Protection & Filtering Surge Suppression (Joules) Anagement & Communications CD Panel .CD Types .CD Orientation HID Compliant USB Port(s) Serial Port Dry Contact (with Relay) Series Port Pay Contact (with Relay) Series Port Power Management Software NNMP/HTTP Remote Monitoring Physical Sorm Factor Physical Sorm Factor Physical Isze - UPS Module Dimensions (WxHxD) (mm.) Weight (kg.) nstalled Rack Height (U) Sinvironmental Doperating Temperature (°C) Doperating Relative Humidity Non-condensing) (%)	13.5	Yes I-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower 438 × 88 × 430 13.8 2 0 - 40 20 - 90	19.2	
Burge Protection & Filtering Burge Suppression (Joules) Burge Suppression (Joules) BM/RFI Filtration Phone/Network Protection RJ11/RJ45 Combo) Aanagement & Communications CD Panel CD Orientation HD Compliant USB Port(s) Berail Port Dry Contact (with Relay) Emergency Power Off (EPO) Port Power Management Software NMP/HTTP Remote Monitoring Physical Born Factor Physical Size - UPS Module Dimensions (WXHxD) (mm.) Weight (kg.) Installed Rack Height (U) Environmental Doperating Relative Humidity Non-condensing) (%) Donline Thermal Dissipation (BTU/hr)		Yes I-in, 1-out Yes Color LCD Rotatable LCD - Manual 1 RS2322 Yes Yes PowerPanel Business (Recommended) Yes - with optional RMCARD205 Rackmount, Tower 438 × 88 × 430 13.8 2 0 - 40 20 - 90		
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*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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