OLS2200ERT2UA-B

TRUSTWORTHY ONLINE UPS TO SAFEGUARD DATA CENTER

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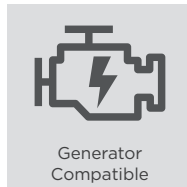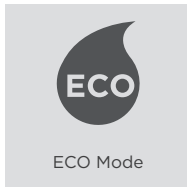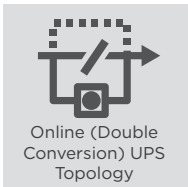
## The high-performance online double-conversion UPS that offers reliable power protection

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 . 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
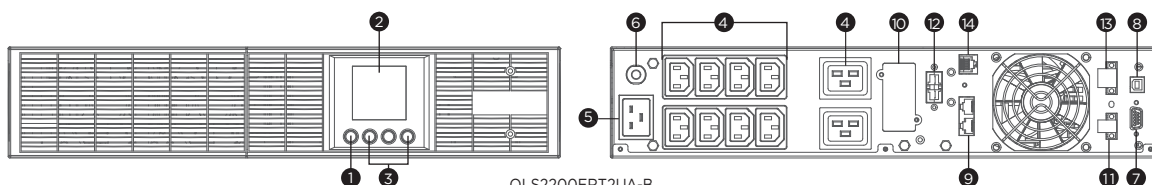
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TECHNICAL SPECIFICATIONS

Model Name	OLS2200ERT2UA-B
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)	190 - 300
Input Frequency (Hz)	50 ± 10, 60 ± 10
Input Frequency Detection	Auto-sensing
Rated Input Current (A)	13
Input Power Factor	0.99
Input Connector Type	IEC C20
Output	
Capacity (VA)	2200
Capacity (Watts)	1980
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	10
Outlet Type	IEC C19 x 2, IEC C13 x 8
Outlet(s) - Battery & Surge Protected	10
Outlet(s) - Critical Load (CL)	6
Outlet(s) - Non-Critical Load (NCL)	4
Typical Transfer Time (ms)	0
Battery	
Runtime at Half Load (min)	19.5
Runtime at Full Load (min)	7.3
Typical Recharge Time (Hours)	4
Smart Battery Management (SBM)	Yes
User-replaceable	Yes - Qualified Personnel Only
Battery Type	Sealed Lead-acid
Compatible Extended Battery Module (EBM)	BPSE72V40ART2U
Max. EBM Quantity (pcs)	3
Surge Protection & Filtering	
Surge Suppression (Joules)	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 610
Weight (kg.)	26.7
Installed Rack Height (U)	2
Environmental	
Operating Temperature (°C)	0 - 40
Operating Relative Humidity (Non-condensing) (%)	20 - 90
Online Thermal Dissipation (BTU/hr)	911
Certifications	
Certifications*	CE
RoHS	Yes

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