CyberPower

ONLINE S (ECO) SERIES

OLS1KEC/OLS2KEC/OLS3KEC



CORPORATE ONLINE UPS TO SAFEGUARD IT EQUIPMENT WITH EASE AND COMFORT

Online (Double Conversion) UPS Topology

ECO Mode

Generator Compatible

Overload Protection

Zero Transfer Time

Remote Management Capability

The online double-conversion UPS with practical functions to offer reliable power protection

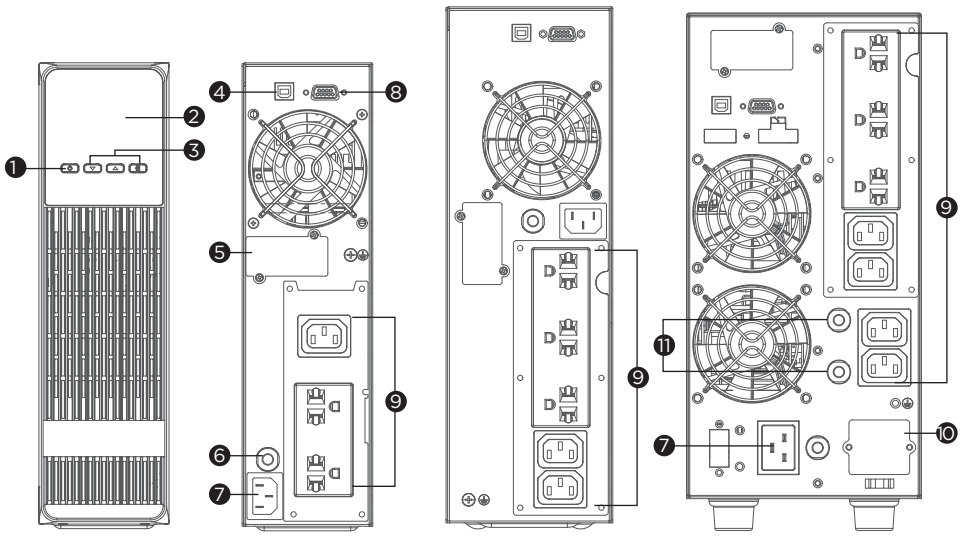
Designed for office and server room applications, the Online S (ECO) Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The color LCD panel allows easy monitoring, and the variable speed fans help to reduce noise as well as offer greater comfort for users. The products feature ECO Mode to save on energy costs, and Smart Battery Management to extend battery lifespan. Moreover, the products can be used with PowerPanel Management Software, allowing users to monitor and control the UPS systems conveniently.

SERIES FEATURES

- Online (Double Conversion) UPS Topology
- ECO Mode
- Generator Compatible
- Overload Protection
- Zero Transfer Time
- Smart Battery Management (SBM)
- Surge and Spike Protection
- EMI and RFI Filtration
- Color LCD Panel
- PowerPanel Management Software
- Variable Speed Fans
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel Cloud Service
- Sleek and Stylish Design

PRODUCT CALLOUTS

1. Power On/Off Switch
2. LCD Display Panel
3. Function Button(s)
4. USB Port
5. SNMP/HTTP Network Slot
6. Input Circuit Breaker
7. AC Inlet
8. Serial Port
9. Battery Backup & Surge Protected Outlets
10. Output Terminal Block
11. Output Circuit Breaker



OLS1KEC OLS2KEC OLS3KEC

Copyright © 2026 Cyber Power Systems, Inc. All rights reserved.



TECHNICAL SPECIFICATIONS

Model Name	OLS1KEC	OLS2KEC	OLS3KEC
General			
UPS Topology	Online Double Conversion		
Energy Saving Technology	ECO Mode Efficiency: 95%	ECO Mode Efficiency: 96%	ECO Mode Efficiency: 97%
Active PFC Compatibility	Yes		
Input			
Generator Compatibility	Yes		
Nominal Input Voltage (Vac)	230 ± 10%		
Input Voltage Range (Vac)		80 - 300	
Input Frequency (Hz)	50 ± 10, 60 ± 10		
Input Frequency Detection	Auto-sensing		
Rated Input Current (A)	4.5	9	13.04
Input Power Factor	0.99		
Input Connector Type	IEC 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%		
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	3	5	8
Outlet Type	AS x 2, IEC C13 x 1	AS x 3, IEC C13 x 2	AS x 3, Hardwire Terminal Block x 1, IEC C13 x 4
Outlet(s) - Battery & Surge Protected	3	5	8
Typical Transfer Time (ms)	0		
Battery			
Runtime at Half Load (min)	6.5	10.3	12.6
Runtime at Full Load (min)	2	3	4
Typical Recharge Time (Hours)	4		
Smart Battery Management (SBM)	Yes		
User-replaceable	No		
Battery Type	Sealed Lead-acid		
Replacement Battery Pack (RBP) Quantity (pcs)	0		
Surge Protection & Filtering			
Surge Suppression (Joules)	370	440	590
EMI/RFI Filtration	Yes		
Management & Communications			
LCD Panel	Yes		
LCD Types	Color LCD		
HID Compliant USB Port(s)	1		
Serial Port	RS232		
Power Management Software	PowerPanel Business (Recommended)		
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD205		
Physical			
Form Factor	Tower		
Physical Size - UPS Module			
Dimensions (WxHxD) (mm.)	86 x 308 x 335	110 x 345 x 390	155 x 341 x 400
Weight (kg.)	8.5	16	21
Environmental			
Operating Temperature (°C)	0 - 40		
Operating Relative Humidity (Non-condensing) (%)	0 - 95		
Online Thermal Dissipation (BTU/hr)	380	607	1139
Certifications			
Certifications*	CE, 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.

CyberPower and the CyberPower logo are trademarks of Cyber Power Systems, Inc., and/or affiliates, which are registered in many countries and regions. All other trademarks are the property of their respective owners.

Copyright © 2026 Cyber Power Systems, Inc. All rights reserved.