OL8KERTHD/OL10KERTHD
OL12KERTHD

ENTERPRISE ONLINE UPS WITH HIGH DENSITY DESIGN TO GUARANTEE RELIABLE POWER PROTECTION

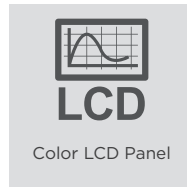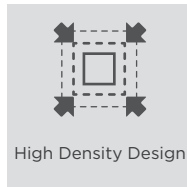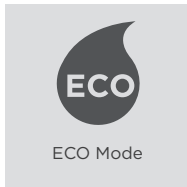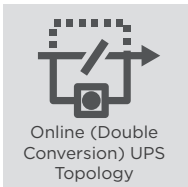|					
Online (Double Conversion) UPS Topology	ECO Mode	High Density Design	Color LCD Panel	High Output Power Factor	Remote Management Capability
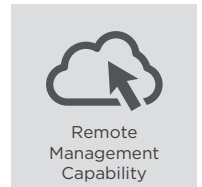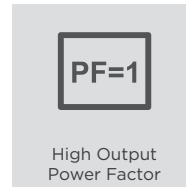
The high performance online double-conversion UPS supplies optimal power and functionality with compact design

Designed for office and data center applications, the Online (High-Density) 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 save on energy costs, Battery Management Technology to help batteries obtain optimal lifespan, and color LCD panel to display key information at a glance. The power management software allows users to easily control and monitor the UPS system.

SERIES FEATURES

- Online (Double Conversion) UPS Topology
- ECO Mode
- High Density Design
- Color LCD Panel
- High Output Power Factor
- Quick Charging Technology
- Tiltable LCD Panel
- Automatically rotatable LCD
- Surge and Spike Protection

- Critical/Non-critical Load Outlets
- Controllable Outlet Groups
- Generator Compatible
- Battery Management Technology
- Hot-swappable Batteries
- Smart Battery Management (SBM)
- Emergency Power Off (EPO) Port
- SNMP/HTTP Remote Management Capability
- PowerPanel Management Software

PRODUCT CALLOUTS

1. Power On Indicator
2. Power On/Off Switch
3. LCD Display Panel
4. Function Button(s)
5. Battery Backup & Surge Protected Outlets Bank 1
6. Battery Backup & Surge Protected Outlets Bank 2
7. Output Circuit Breaker
8. Relay Output Connector
9. EPO Port
10. USB Port
11. Serial Port
12. SNMP/HTTP Network Slot
13. Input Terminal Block
14. Output Terminal Block
15. BMP Connector
16. BM/ENV Port
17. Extended Battery Module Connector
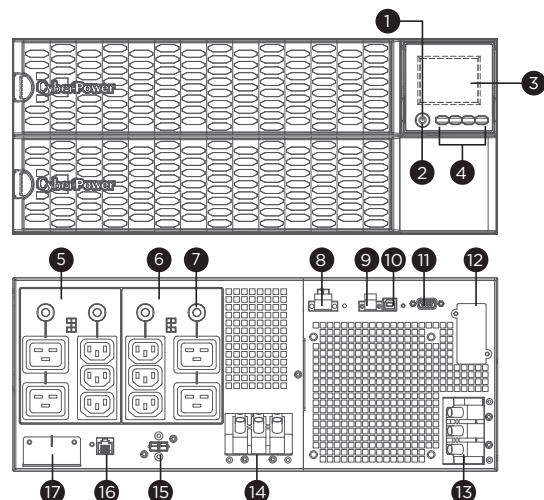
OL8/10/12KERTHD

TECHNICAL SPECIFICATIONS

Model Name	OL8KERTHD	OL10KERTHD	OL12KERTHD
General			
UPS Topology	Online Double Conversion		
Energy Saving Technology	Online ECO Mode Efficiency > 98%		
Active PFC Compatibility	Yes		
Input			
Generator Compatibility	Yes		
Nominal Input Voltage (Vac)	200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2%		
Input Voltage Range (Vac)	200 - 240		
Input Frequency (Hz)	50 ± 10, 60 ± 10		
Input Frequency Detection	Auto-sensing		
Rated Input Current (A)	44	55	
Input Power Factor	0.99		
Input Connector Type	Hardwire Terminal Block		
Output			
Capacity (VA)	8000	10000	12000
Capacity (Watts)	8000	10000	
On Battery Waveform	Pure Sine Wave		
On Battery Voltage(s) (Vac)	200 ± 2%, 208 ± 2%, 220 ± 2%, 230 ± 2%, 240 ± 2%		
Output Voltage Setting	Configurable		
On Battery Frequency (Hz)	50 ± 0.5%, 60 ± 0.5%		
Output Frequency Setting	Configurable		
Power Factor	1	0.83	
Overload Protection	Internal Current Limiting, Circuit Breaker		
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		
Harmonic Distortion (Linear Load)	THD＜3%		
Harmonic Distortion (Non-linear Load)	THD＜5%		
Outlet(s) - Total	11		
Outlet Type	IEC C19 x 4, IEC C13 x 6, Hardwire Terminal Block x 1		
Outlet(s) - Battery & Surge Protected	11		
Outlet(s) - Critical Load (CL)	1		
Outlet(s) - Non-Critical Load (NCL)	10		
Typical Transfer Time (ms)	0		
Battery			
Runtime at Half Load (min)	11	8.3	
Runtime at Full Load (min)	3.8	2.4	
Typical Recharge Time (Hours)	4		
Smart Battery Management (SBM)	Yes		
User-replaceable	Yes - Qualified Personnel Only		
Hot-swappable	Yes		
Battery Type	Sealed Lead-acid		
Replacement Battery Pack (RBP)	RBP0159		
Replacement Battery Pack (RBP) Quantity (pcs)	2		
Compatible Extended Battery Module (EBM)	BPE192VL2U01 (Built-in Charger)		
Max. EBM Quantity (pcs)	10		
Surge Protection & Filtering			
Surge Suppression (Joules)	2430		
EMI/RFI Filtration	Yes		
Management & Communications			
LCD Panel	Yes		
LCD Types	Color LCD		
LCD Orientation	Rotatable LCD – Automatic, Rotatable LCD – via Setting		
HID Compliant USB Port(s)	1		
Serial Port	Combo (RS232 + Dry Contact)		
Emergency Power Off (EPO) Port	Yes		
Power Management Software	PowerPanel Business (Recommended)		
SNMP/HTTP Remote Monitoring	Yes - RMCARD205 included		
Physical			
Form Factor	Rackmount, Tower		
Physical Size - UPS Module			
Dimensions (WxHxD) (mm.)	433 x 173 x 720		
Weight (kg.)	71.2		
Installed Rack Height (U)	4		
Environmental			
Operating Temperature (°C)	0 - 40		
Operating Relative Humidity (Non-condensing) (%)	0 - 90		
Online Thermal Dissipation (BTU/hr)	1603	2044	
Certifications			
Certifications*	CE, EAC, RCM		
RoHS	Yes		

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